# 19990303 037

## FY 2000 / FY 2001 BUDGET ESTIMATES

## AIR NATIONAL GUARD





## FY 2000 MILITARY CONSTRUCTION PROGRAM

Justification Data Submitted to Congress February 1999

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# DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2000

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# SUMMARY PROJECT LIST AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM - FY 2000

| STATE       | INSTALLATION AND PROJECT  | AUTH<br>AMT (\$000)               | APPROP<br>AMT (\$000)               | DD FORM 1391<br>PAGE NO. |
|-------------|---|-----------------------------------|-------------------------------------|--------------------------|
| Alaska      | Kulis Air National Guard Base<br>Composite Support Complex  | 10,000                            | 2,170                               | b-3                      |
| Arkansas    | Little Rock Air Force Base Vehicle/Base Engineer Maintenance Complex  | 8,699                             | 1,881                               | b-8                      |
| California  | Moffett Field Replace Aircraft Maintenance Hangar   | 14,000                            | 3,033                               | b-13                     |
| Georgia     | Savannah International Airport Composite Support Complex Regional Fire Training Facility  | 9,800<br>1,700                    | 2,116<br>368                        | b-18<br>b-21             |
|             | Sub-Total Georgia   | 11,500                            | 2,484                               |                          |
| Idaho       | Boise Air Terminal A-10 Expand Arm and Disarm Apron   | 1,600                             | 350                                 | b-26                     |
| Wisconsin   | Volk Field  Replace Troop Training Quarters   | 8,900                             | 1,923                               | b-30                     |
|             | SUB-TOTAL INSIDE THE UNITED STATES  | 54,699                            | 11,841                              |                          |
| Puerto Rico | Luis Munoz-Marin International Airport C-130 Fuel Cell and Corrosion Control Facility C-130 Upgrade Aircraft Maintenance Hangar C-130 Add to Aircraft Parking Apron Sub-Total Puerto Rico | 5,600<br>3,800<br>2,250<br>11,650 | 1,212<br>825<br>490<br><b>2,527</b> | b-35<br>b-38<br>b-41     |
|             | SUB-TOTAL OUTSIDE THE UNITED STATES   | 11,650                            | 2,527                               |                          |
|             | SUB-TOTAL ALL BASES   | 66,349                            | 14,368                              |                          |
|             | PLANNING AND DESIGN   | 4,951                             | 4,951                               | b-44                     |
|             | UNSPECIFIED MINOR CONSTRUCTION  | 2,000                             | 2,000                               | b-46                     |
|             | SUB-TOTAL SUPPORT COSTS   | 6,951                             | 6,951                               |                          |
|             | GRAND TOTAL   | 73,300                            | 21,319                              |                          |

## SUMMARY PROJECT LIST AIR NATIONAL GUARD NEW MISSION VERSUS CURRENT MISSION -- FY 2000

| LOCATION                 | PROJECT  | COST<br>(\$000)         | CURRENT/<br>NEW/ENV |
|--------------------------|--|-------------------------|---------------------|
|                          |  |                         |                     |
| Kulis ANGB, AK           | Composite Support Complex  | 10,000                  | С                   |
| Little Rock AFB, AR      | Vehicle/Base Engineer Maintenance Complex  | 8,699                   | С                   |
| Moffett Field, CA        | Replace Aircraft Maintenance Hagar   | 14,000                  | C                   |
| Savannah IAP, GA         | Composite Support Complex<br>Regional Fire Training Facility   | 9,800<br>1,700          | C<br>ENV            |
| Boise AT, ID             | A-10 Expand Arm and Disarm Apron   | 1,600                   | N                   |
| Volk Field, WI           | Replace Troop Training Quarters  | 8,900                   | С                   |
| Luis Munoz-Marin IAP, PR | C-130 Fuel Cell and Corrosion Control Facility<br>C-130 Upgrade Aircraft Maintenance Hangar<br>C-130 Add to Aircraft Parking Apron | 5,600<br>3,800<br>2,250 | N<br>N<br>N         |
|                          | PLANNING AND DESIGN  | 4,951                   |                     |
|                          | UNSPECIFIED MINOR CONSTRUCTION   | 2,000                   |                     |
|                          | TOTAL NEW MISSION  | 13,250                  |                     |
|                          | TOTAL CURRENT MISSION  | 51,399                  |                     |
|                          | TOTAL ENVIRONMENTAL  | 1,700                   |                     |
|                          | GRAND TOTAL  | 73,300                  |                     |

# DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2000

|      | SECTION I |  |
|------|-----------|--|
| <br> |           |  |

#### **APPROPRIATIONS LANGUAGE**

For construction, acquisition, expansion, renovation, and conversion of facilities for the operational and training missions of the Air National Guard, and contribution there for, as authorized by chapter 1803 of title 10, United States Code, and Military Construction Authorizations Acts, \$21,319,000 to remain available until September 30, 2004. In addition for completion of projects begun in fiscal year 2000, \$51,981,000 to become available on October 1, 2000 and remain available until September 30, 2005. Further, for the foregoing purposes, \$56,625,000 to become available on October 1,2000 and remain available until September 30, 2005.

#### **SPECIAL PROGRAM CONSIDERATIONS**

#### **Environmental Compliance**

The environmental compliance projects proposed in this program are necessary to correct current environmental noncompliance situations and to prevent future noncompliance.

#### Flood Plain Management and Wetland Protection

Proposed land acquisitions, disposals, and installation construction projects have been planned in accordance with the requirements of Executive Orders 11988, Flood Plain Management, and 11900, Protection of Wetlands. Projects have been sited to avoid long and short-term adverse impacts, reduce the risk of flood losses, and minimize the loss, or degradation of wetlands.

#### Design for Accessibility of Physically Handicapped Personnel

In accordance with Public Law 90-480, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

#### Preservation of Historical Sites and Structures

Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object, or setting listed in the National Register of Historic Places, except as noted on the DD Form 1391s.

#### **Environmental Protection**

In accordance with Section 102(2) (c) of the National Environmental Policy Act of 1969 (PL 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the Military Construction Program.

#### **Economic Analysis**

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources. Actual economic analyses have been prepared for all projects over \$2,000,000.

## SPECIAL PROGRAM CONSIDERATIONS (continued)

#### **Reserve Manpower Potential**

The reserve manpower potential to meet and maintain authorized strengths of all reserve flying/non-flying units in those areas in which these facilities are to be located has been reviewed. It has been determined, in coordination with all other Services having reserve flying/non-flying units in these areas, that the number of units of the reserve components of the Armed Forces presently located in those areas, and those which have been allocated to the areas for future activation, is not and will not be larger than the number that reasonably can be expected to be maintained at authorized strength considering the number of persons living in the areas who are qualified for membership in those reserve units.

#### Potential Use of Vacant Schools and Other State and Local Facilities

The potential use of vacant schools and other state and local owned facilities has been reviewed and analyzed for each facility to be constructed under this program.

#### **Construction Criteria Manual**

Unless otherwise noted, the projects comply with the scope and design criteria prescribed in Part II of Military Handbook 1190, "Facility Planning and Design Guide."

# DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2000

| SECTION II |  |
|------------|--|
| SECTION II |  |
|            |  |

**INSTALLATIONS AND PROJECT JUSTIFICATION DATA** 

| 1. COMPONENT   |  | IARD AND RESERV         | E               | 2. DA  |                         |
|--|--|-------------------------|-----------------|--|-------------------------|
| ANG  |  | Y CONSTRUCTION          |                 |  | 1 Feb 99                |
|  | N AND LOCATION   |                         |                 |  | REA CONSTR<br>OST INDEX |
| KULIS ANG BASI   |  |                         |                 |  | 1.5                     |
|  | AND TYPE OF UTILIZATION ssemblies per month, 15 days ar  | unual field training ne | rvear daily i   | ıca bu tachnici  | an/AGD force            |
| and for training.  | ssemones per monui, 13 days ar   | muai neiu uaninig pe    | i year, dariy t | ise by technici  | all/AGK lolc            |
|  |  |                         |                 |  |                         |
|  |  |                         |                 |  |                         |
|  |  |                         |                 |  |                         |
| 6. OTHER ACTIV   | E/GUARD/RESERVE INSTAL   | LATIONS WITHIN          | 5 MILES RA      | ADIUS  |                         |
| 1 Army National G  | uard, 1 Army Post, 1 Air Force   | Base                    |                 |  |                         |
|  |  |                         |                 |  |                         |
|  |  |                         |                 |  |                         |
|  |  |                         |                 |  |                         |
| 7. PROJECTS REC  | QUESTED IN THIS PROGRAM  | 1: FY 2000              |                 |  |                         |
| CATEGORY   | 2020122 n  | . 11 2000               | COST            | <b>DESIGN</b>  | STATUS                  |
| <u>CODE</u>  | PROJECT TITLE  | <b>SCOPE</b>            | <u>\$(000)</u>  | START  |                         |
| 171-450 Com  | posite Support Complex   | 3,633 SM                | 10,000          | Jan 98   | Aug 99                  |
| 171-450 Colli  | posite Support Complex   | 3,033 5141              | 10,000          | Jan 70   | Aug 99                  |
|  |  |                         |                 |  |                         |
|  |  |                         |                 |  |                         |
|  |  |                         |                 |  |                         |
|  |  |                         |                 |  |                         |
|  |  |                         |                 |  |                         |
|  |  |                         |                 |  |                         |
|  |  |                         |                 |  |                         |
| O COLUMN DECEM   | VE FOR CEG EA CH JEVES PO  | ADD DEGOLOGICA          | ATTION          | Problems of the control of the contr |                         |
|  | VE FORCES FACILITIES BOA   | ARD RECOMMENDA          | ATION           | 13 Feb (   | D8                      |
|  | VE FORCES FACILITIES BOA   | ARD RECOMMENDA          | ATION           | 13 Feb 9   |                         |
| Unilateral C   | Construction Approved  | ARD RECOMMENDA          | ATION           | (Date)   |                         |
| Unilateral C   |  | ARD RECOMMENDA          | ATION           |  | e                       |
| Unilateral C   | Construction Approved  |                         | ATION           | (Date)   | e                       |
| Unilateral C  9. LAND ACQUIS  10. PROJECTS PI CATEGORY   | Construction Approved SITION REQUIRED  LANNED IN NEXT FOUR YEA   |                         | ATION           | (Date) None (Number of   | e<br>FAcres)            |
| Unilateral C  9. LAND ACQUIS  10. PROJECTS PI  | Construction Approved SITION REQUIRED  |                         | ATION           | (Date)   | e<br>Acres)             |
| Unilateral C  9. LAND ACQUIS  10. PROJECTS PI CATEGORY CODE  | Construction Approved  SITION REQUIRED  LANNED IN NEXT FOUR YEA  PROJECT TITLE   |                         | ATION           | (Date) None (Number of   | E Acres)  COST \$(000   |
| Unilateral C  9. LAND ACQUIS  10. PROJECTS PI CATEGORY CODE  211-159 Aircr   | Construction Approved  SITION REQUIRED  LANNED IN NEXT FOUR YEA  PROJECT TITLE  raft Corrosion Control Facility                                | RS                      | ATION           | (Date) None (Number of)  SCOPE  3,150 SM   | COST<br>\$(000          |
| Unilateral C  9. LAND ACQUIS  10. PROJECTS PI CATEGORY CODE  211-159 Aircr   | Construction Approved  SITION REQUIRED  LANNED IN NEXT FOUR YEA  PROJECT TITLE   | RS                      | ATION           | (Date) None (Number of   | E Acres)  COST \$(000   |
| Unilateral C  9. LAND ACQUIS  10. PROJECTS PI CATEGORY CODE  211-159 Aircr   | Construction Approved  SITION REQUIRED  LANNED IN NEXT FOUR YEA  PROJECT TITLE  raft Corrosion Control Facility                                | RS                      | ATION           | (Date) None (Number of) SCOPE  3,150 SM  | COS7<br>\$(000          |
| Unilateral C  9. LAND ACQUIS  10. PROJECTS PI CATEGORY CODE  211-159 Aircr   | Construction Approved  SITION REQUIRED  LANNED IN NEXT FOUR YEA  PROJECT TITLE  raft Corrosion Control Facility                                | RS                      | ATION           | (Date) None (Number of) SCOPE  3,150 SM  | COS7<br>\$(000          |
| Unilateral C  9. LAND ACQUIS  10. PROJECTS PI CATEGORY CODE  211-159 Aircr   | Construction Approved  SITION REQUIRED  LANNED IN NEXT FOUR YEA  PROJECT TITLE  raft Corrosion Control Facility                                | RS                      | ATION           | (Date) None (Number of) SCOPE  3,150 SM  | COS'<br>\$(000          |
| Unilateral Control  9. LAND ACQUIS  10. PROJECTS PICATEGORY CODE  211-159 Aircr 141-753 Repla  | Construction Approved  SITION REQUIRED  LANNED IN NEXT FOUR YEA  PROJECT TITLE  raft Corrosion Control Facility ace Pararescue Training Comple | RS                      | ATION           | (Date) None (Number of) SCOPE  3,150 SM  | COS7<br>\$(000          |
| Unilateral Control of the Control of | Construction Approved  SITION REQUIRED  LANNED IN NEXT FOUR YEA  PROJECT TITLE  raft Corrosion Control Facility                                | RS                      | ATION           | (Date) None (Number of) SCOPE  3,150 SM  | COS7<br>\$(000          |
| Unilateral C  9. LAND ACQUIS  10. PROJECTS PI CATEGORY CODE  211-159 Aircr 141-753 Repla   | Construction Approved  SITION REQUIRED  LANNED IN NEXT FOUR YEA  PROJECT TITLE  raft Corrosion Control Facility ace Pararescue Training Comple | RS                      | ATION           | (Date) None (Number of) SCOPE  3,150 SM  | COST<br>\$(000          |
| Unilateral Control  9. LAND ACQUIS  10. PROJECTS PICATEGORY CODE  211-159 Aircr 141-753 Repla  | Construction Approved  SITION REQUIRED  LANNED IN NEXT FOUR YEA  PROJECT TITLE  raft Corrosion Control Facility ace Pararescue Training Comple | RS                      | ATION           | (Date) None (Number of) SCOPE  3,150 SM  | COST<br>\$(000          |
| Unilateral Control  9. LAND ACQUIS  10. PROJECTS PICATEGORY CODE  211-159 Aircr 141-753 Repla  | Construction Approved  SITION REQUIRED  LANNED IN NEXT FOUR YEA  PROJECT TITLE  raft Corrosion Control Facility ace Pararescue Training Comple | RS                      | ATION           | (Date) None (Number of) SCOPE  3,150 SM  | COS7<br>\$(000          |
| Unilateral Control  9. LAND ACQUIS  10. PROJECTS PICATEGORY CODE  211-159 Aircr 141-753 Repla  | Construction Approved  SITION REQUIRED  LANNED IN NEXT FOUR YEA  PROJECT TITLE  raft Corrosion Control Facility ace Pararescue Training Comple | RS                      | ATION           | (Date) None (Number of) SCOPE  3,150 SM  | COS7<br>\$(000          |
| Unilateral Control  9. LAND ACQUIS  10. PROJECTS PICATEGORY CODE  211-159 Aircr 141-753 Repla  | Construction Approved  SITION REQUIRED  LANNED IN NEXT FOUR YEA  PROJECT TITLE  raft Corrosion Control Facility ace Pararescue Training Comple | RS                      | ATION           | (Date) None (Number of) SCOPE  3,150 SM  | COS7<br>\$(000          |
| Unilateral C  9. LAND ACQUIS  10. PROJECTS PI CATEGORY CODE  211-159 Aircr 141-753 Repla   | Construction Approved  SITION REQUIRED  LANNED IN NEXT FOUR YEA  PROJECT TITLE  raft Corrosion Control Facility ace Pararescue Training Comple | RS                      | ATION           | (Date) None (Number of) SCOPE  3,150 SM  | COS'<br>\$(000          |
| Unilateral Cooperation of the Co | Construction Approved  SITION REQUIRED  LANNED IN NEXT FOUR YEA  PROJECT TITLE  raft Corrosion Control Facility ace Pararescue Training Comple | RS                      | ATION           | (Date) None (Number of) SCOPE  3,150 SM  | COS'<br>\$(000          |
| Unilateral Cooperation of the Co | Construction Approved  SITION REQUIRED  LANNED IN NEXT FOUR YEA  PROJECT TITLE  raft Corrosion Control Facility ace Pararescue Training Comple | RS                      | ATION           | (Date) None (Number of) SCOPE  3,150 SM  | COS'<br>\$(000          |
| Unilateral Control of the Control of | Construction Approved  SITION REQUIRED  LANNED IN NEXT FOUR YEA  PROJECT TITLE  raft Corrosion Control Facility ace Pararescue Training Comple | RS                      | ATION           | (Date) None (Number of) SCOPE  3,150 SM  | COS<br>\$(000           |

| 1. COMPONENT | FY 2000 GUARD AND RESERVE | 2. DATE  |
|--------------|---------------------------|----------|
| ANG          | MILITARY CONSTRUCTION     | 1 Feb 99 |

#### KULIS ANG BASE, ALASKA

#### 11. PERSONNEL STRENGTH AS OF 07 Jul 98

|            |              | PER            | RMANENT         |          | (     | GUARD/RESI     | ERVE     |
|------------|--------------|----------------|-----------------|----------|-------|----------------|----------|
|            | <b>TOTAL</b> | <b>OFFICER</b> | <b>ENLISTED</b> | CIVILIAN | TOTAL | <u>OFFICER</u> | ENLISTED |
| AUTHORIZED | 432          | 89             | 335             | 8        | 1,280 | 176            | 1,104    |
| ACTUAL     | 461          | 97             | 356             | 8        | 1,189 | 161            | 1,028    |

#### 12. RESERVE UNIT DATA

|                                    | STRE              | NGTH   |
|------------------------------------|-------------------|--------|
| <u>UNIT DESIGNATION</u>            | <b>AUTHORIZED</b> | ACTUAL |
| 144 Airlift Squadron               | 94                | 104    |
| 176 Aircraft Generation Squadron   | 125               | 109    |
| 176 Aerial Port Flight             | 64                | 51     |
| 176 Civil Engineering Squadron     | 137               | 120    |
| 176 Communication Flight           | 40                | 49     |
| 176 Logistics Group                | 13                | 9      |
| 176 Logistics Squadron             | 114               | 103    |
| 176 Logistics Support Flight       | 23                | 19     |
| 176 Medical Squadron               | 56                | 58     |
| 176 Maintenance Squadron           | 218               | 176    |
| 176 Mission Support Flight         | 30                | 30     |
| 176 Operations Group               | 14                | 15     |
| 176 Operations Support Flight      | 30                | 28     |
| 176 Rescue Coordination Center     | 12                | 11     |
| 176 Security Forces Squadron       | 60                | 65     |
| 176 Support Group                  | 5                 | 5      |
| 176 Services Flight                | 30                | 17     |
| 176 Wing Group                     | 62                | 65     |
| 206 Combat Communications Squadron | 60                | 51     |
| 210 Rescue Squadron                | 93                | 104    |
| TOTALS                             | 1,280             | 1.189  |

#### 13. MAJOR EQUIPMENT AND AIRCRAFT

| <u>TYPE</u>         | <u>AUTHORIZED</u> | <b>ASSIGNED</b> |
|---------------------|-------------------|-----------------|
| Vehicle Equivalents | 367               | 487             |
| Support Equipment   | 143               | 139             |
| HH-60G              | 5                 | 6               |
| HC-130N Aircraft    | 2                 | 4               |
| C-130H Aircraft     | 8                 | 9               |

| 4 601 001 011       |  |                      |               |        |           |        |            |             |
|---------------------|--|----------------------|---------------|--------|-----------|--------|------------|-------------|
| 1. COMPONENT        |  |                      |               |        | 2.        | DATE   |            |             |
|                     | FY 2000 MILITARY CONSTRUCTION PROJECT DATA |                      |               |        | 47100     |        |            |             |
| ANG                 |  |                      | uter generate |        |           |        | <u> </u>   | 1 Feb 99    |
| 3. INSTALLATION     | AND :                                      | LOCATION             |               | 4. I   | PROJECT T | TITLE  |            |             |
|                     |  |                      |               |        |           |        |            |             |
| KULIS ANG BASE, A   |  |                      |               |        | OSITE SU  |        |            |             |
| 5. PROGRAM ELEM     | ENT  | 6. CATEGORY CODE     | 7. PROJEC     | T NUN  | 1BER      |        |            | COST(\$000) |
|                     |  |                      |               |        |           | AUTH:  |            |             |
| 55296F              |  | 171-450              | ML1           | RV9695 | 85        | APPROF | P: \$2     | 2,170       |
|                     |  | 9. COST              | ESTIMATE      | ES     |           |        |            |             |
|                     |  |                      |               |        |           | UNI    | T          | COST        |
|                     |  | ITEM                 |               | U/M    | QUANTIT   | Y COS  | T          | (\$000)     |
| COMPOSITE SUPPO     | ORT C                                      | COMPLEX              |               | SM     | 3,633     | -      |            | 7,183       |
| MEDICAL TRAIN       | IING                                       | AREA                 |               | SM     | 948       | 2,26   | 0          | ( 2,142)    |
| COMMUNICATION       | DNS T                                      | TRAINING AREA        |               | SM     | 520       | 2,63   | 7          | ( 1,371)    |
| SECURITY FORCE      | ES T                                       | RAINING AREA         |               | SM     | 771       | 1,93   | 8          | ( 1,494)    |
| ALTER DINING I      | HALL                                       | /SERVICES FLIGHT AR  | E <b>A</b>    | SM     | 1,394     | 1,56   | 1          | ( 2,176)    |
| SUPPORTING FACI     | LITIE                                      | ES                   |               | 1      |           | İ      |            | 1,835       |
| UTILITIES           |  |                      |               | LS     |           |        |            | ( 850)      |
| PAVEMENTS           |  |                      |               | LS     |           |        |            | ( 550)      |
| SITE IMPROVEM       | ENT  | S                    |               | LS     |           |        |            | ( 300)      |
| COMMUNICATION       | ONS S                                      | SUPPORT              |               | LS     |           |        |            | ( 135)      |
| SUBTOTAL            |  |                      |               |        |           |        |            | 9,018       |
| CONTINGENCY (5%)    |  |                      |               |        |           |        | <u>451</u> |             |
| TOTAL CONTRACT COST |  |                      |               | ĺ      |           |        | 9,469      |             |
|                     | PECT                                       | ION AND OVERHEAD (   | 6%)           |        |           |        |            | <u> 571</u> |
| TOTAL REQUEST       |  |                      |               |        |           |        |            | 10,040      |
| TOTAL REQUEST (     |  |                      |               |        |           |        |            | 10,000      |
| EQUIPMENT FROM      | 1 OTF                                      | IER APPROPRIATIONS ( | (NON-ADD)     | )      |           |        |            | ( 400)      |

10. Description of Proposed Construction: Concrete foundation and floor slab, reinforced concrete walls and built-up roof. Addition to match existing architectural style. Construct/rearrange interior utility systems; modify interior walls; replace roof system; structural floor repair. Access pavements, parking lots, sidewalk, site work, and fire protection. Demolish Class A vault, parking shelter (86 SM) and Building 27 (41 SM). Landscape grounds and improve drainage. Facility to support pre-wired workstation installation.

Air Conditioning: 35 KW

11. REQUIREMENT: 3,632 SM ADEQUATE: 0 SM SUBSTANDARD: 1,520 SM PROJECT: Composite Support Complex (Current Mission).

<u>REQUIREMENT</u>: In 1991, the Air Force deactivated an HC-130/HHG-60 rescue squadron at Elmendorf AFB. The mission was assigned to the ANG unit at Kulis ANGB, located at Anchorage International Airport. The unit became a composite wing when the relocated rescue squadron combined with the already assigned C-130 transport squadron. This increased manpower in support areas such as security forces, medical training, communications, and other functional areas. Adequately sized and properly configured facilities are required for effective mission performance and minimal quality of life. A properly sized and equipped dining area is required to efficiently train the services personnel and feed the troops on Unit Training Assemblies.

<u>CURRENT SITUATION</u>: There is insufficient space on base and part of the security police squadron and other functions are located in leased space off-base. Portions of the communications function are scattered throughout the base and share space in undersized facilities. Unit strength has grown substantially and the medical staff has increased to meet more demands for physicals, immunizations, and drug and AIDS testing. The medical training function occupies 420 SM which is 50% of the minimum required space. There are insufficient medical examination rooms and the patient waiting area shares space with the dining facility serving lines, which is a violation of health standards. The dining and food preparation areas are severely overcrowded. Kitchen equipment is over 20 years old,

| 1. COMPONENT     |   | 2. DATE           |
|------------------|---|-------------------|
|                  | FY 2000 MILITARY CONSTRUCTION PROJECT DAT | CA                |
| ANG              | (computer generated)                      | 1 Feb 99          |
| 3. INSTALLATION  | AND LOCATION                              |                   |
|                  |   |                   |
| KULIS ANG BASE,  | ALASKA                                    |                   |
| 5. PROJECT TITLE |   | 7. PROJECT NUMBER |
|                  |   |                   |
| COMPOSITE SLIDBO | PT COMPLEY                                | MI DV060595       |

requires frequent maintenance, and consumes excessive energy. Extensive repairs to the electrical system, floor, and roof of the dining facility must be made and insulating panels must be installed to extend its useful life. Paved access to and parking for the dining facility does not exist. Mobility equipment must be stored in non-secure areas throughout the base because of the shortage of storage space.

<u>IMPACT IF NOT PROVIDED</u>: Training opportunities are lost. Severely crowded space continues to impact negatively on mission accomplishment and readiness. Inefficient operations continue. Health and safety hazards remain in the medical training and dining areas. Quality of life for support personnel and the troops they provide service to is adversely affected.

<u>ADDITIONAL</u>: An economic analysis has been prepared comparing the alternatives of new construction, add/alter and status quo operation. Based on the net present values and benefits of the respective alternatives, a new addition was found to be the most cost efficient over the life of the project.

This project is funded using advance appropriations. However, full authorization is requested in the year of initial appropriation. The ANG plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount.

Medical Training: 948 SM = 10,200 SF
Communications Training: 520 SM = 5,600 SF
Security Forces Training: 771 SM = 8,300 SF
Dining Hall/Services Flight: 1,394 SM = 15,000 SF

| 1. C   | OMPONENT                             |                           |                           |                    | 2. DATE        |  |  |  |  |  |  |
|--------|--------------------------------------|---------------------------|---------------------------|--------------------|----------------|--|--|--|--|--|--|
| 1. 0   |                                      | FY 2000 MILIT             | CARY CONSTRUCTION         | PROJECT DATA       |                |  |  |  |  |  |  |
| 2 IN   | ANG<br>JSTALLATION                   | AND LOCATION              | (computer generated)      |                    | 1 Feb 99       |  |  |  |  |  |  |
| J. 11. |                                      |                           |                           |                    |                |  |  |  |  |  |  |
|        | IS ANG BASE,                         | ALASKA                    |                           |                    |                |  |  |  |  |  |  |
| 5. PR  | OJECT TITLE                          |                           |                           | 7. Pl              | ROJECT NUMBER  |  |  |  |  |  |  |
| COM    | COMPOSITE SUPPORT COMPLEX MLRV969585 |                           |                           |                    |                |  |  |  |  |  |  |
|        |                                      |                           |                           |                    |                |  |  |  |  |  |  |
| 12.    | SUPPLEMEN                            | ITAL DATA:                |                           |                    |                |  |  |  |  |  |  |
| a.     | Estimated Des                        | sign Data:                |                           |                    |                |  |  |  |  |  |  |
|        |                                      |                           |                           |                    |                |  |  |  |  |  |  |
|        | (1) Status:                          | Dariam Stantad            |                           |                    | Tom 1000       |  |  |  |  |  |  |
|        |                                      | Design Started            | en wood to devalor costs  |                    | Jan 1998<br>NO |  |  |  |  |  |  |
|        |                                      |                           | es used to develop costs  | i                  | NO<br>35%      |  |  |  |  |  |  |
|        |                                      | ent Complete as of Ja     | in 1999                   |                    |                |  |  |  |  |  |  |
|        |                                      | 235% Designed             |                           |                    | Nov 1998       |  |  |  |  |  |  |
|        |                                      | Design Complete           | 1 '                       | ^ 1                | Aug 1999       |  |  |  |  |  |  |
|        | (I) Energ                            | gy Study/Life-Cycle       | analysis was/will be pe   | rformea            | YES            |  |  |  |  |  |  |
|        | (0) Din-                             |                           |                           |                    |                |  |  |  |  |  |  |
|        | (2) Basis:                           |                           | •                         |                    | NO             |  |  |  |  |  |  |
|        |                                      | dard or Definitive De     |                           |                    | NO             |  |  |  |  |  |  |
|        | (b) Whe                              | ere Design Was Most       | Recently Used -           |                    | N/A            |  |  |  |  |  |  |
|        | (2) Total Cost                       | (a) = (a) + (b)  or  (d)  | \ _1. (a).                |                    | (ቁስስስ)         |  |  |  |  |  |  |
|        |                                      | t(c) = (a) + (b)  or  (d) |                           |                    | (\$000)        |  |  |  |  |  |  |
|        |                                      | luction of Plans and S    | specifications            |                    | 12             |  |  |  |  |  |  |
|        |                                      | Other Design Costs        |                           |                    | 870            |  |  |  |  |  |  |
|        | (c) Tota                             |                           |                           |                    | 882            |  |  |  |  |  |  |
|        | (d) Cont                             |                           |                           |                    | 882            |  |  |  |  |  |  |
|        | (e) In-H                             | louse                     |                           |                    |                |  |  |  |  |  |  |
|        |                                      |                           |                           |                    | 7.7.0000       |  |  |  |  |  |  |
|        | (4) Construct                        | ion Start                 |                           |                    | May 2000       |  |  |  |  |  |  |
|        | (5) Construct                        | ion Completion            |                           |                    | Oct 2001       |  |  |  |  |  |  |
|        | (J) Construct                        | ion completion            |                           |                    | OCI 2001       |  |  |  |  |  |  |
|        | * Indicate                           | s completion of Proj      | ect Definition with Para  | ametric Cost Estim | ate which      |  |  |  |  |  |  |
|        |                                      |                           | 35% design to ensure va   |                    |                |  |  |  |  |  |  |
|        |                                      |                           | _                         | -                  | -              |  |  |  |  |  |  |
| b.     | Equipment ass                        | ociated with this pro-    | ject will be provided fro | om other appropria | tions: YES     |  |  |  |  |  |  |
|        |                                      |                           |                           |                    |                |  |  |  |  |  |  |
|        |                                      |                           |                           | FISCAL YEAR        |                |  |  |  |  |  |  |
|        | EQUIP                                | MENT                      | PROCURING                 | APPROPRIATE        | D COST         |  |  |  |  |  |  |
|        | NOMENC                               | LATURE                    | APPROPRIATION             | OR REQUESTE        | D (\$000)      |  |  |  |  |  |  |
|        |                                      |                           |                           | •                  | •              |  |  |  |  |  |  |
|        | Pre-wired                            | Workstations              | 3840                      | 2001               | 400            |  |  |  |  |  |  |
|        |                                      |                           |                           |                    |                |  |  |  |  |  |  |
|        |                                      |                           |                           |                    |                |  |  |  |  |  |  |
|        |                                      |                           |                           |                    |                |  |  |  |  |  |  |
|        |                                      |                           |                           |                    |                |  |  |  |  |  |  |

Point of Contact: Mr. Hal Brazelton (301) 836-8072

| 1. COMPONENT  | I .   | RD AND RESERV |                 | 2. D                      | ATE                     |
|---|---|---------------|-----------------|---------------------------|-------------------------|
| ANG   | MILITARY C<br>N AND LOCATION  | CONSTRUCTION  | *****           | - 1                       | 1 Feb 99                |
| 3. INSTALLATIO  | N AND LOCATION  |               |                 |                           | REA CONSTR<br>OST INDEX |
| LITTLE ROCK AI  | R FORCE BASE, ARKANSAS  |               |                 |                           | .8                      |
| 5. FREQUENCY  | AND TYPE OF UTILIZATION   |               |                 | ·                         |                         |
|   | nit training assemblies per year, 15 o  |               | raining per yea | r, daily use              | by                      |
| technician/AGR for  | rce, instructors and students, and for  | r training.   |                 |                           |                         |
|   |   |               |                 |                           |                         |
|   |   |               |                 |                           |                         |
| 6 OTHER ACTIV   | /E/GUARD/RESERVE INSTALLA   | TIONS WITHIN  | 15 MII ES RA    | DILIS                     |                         |
|   | erve Facility, three Army National (  |               |                 |                           | Complex, five           |
|   | ilities, and one Naval/Marine Compl   |               |                 |                           | <b>F</b> ,              |
| •   | •   |               |                 |                           |                         |
|   |   |               |                 |                           |                         |
| 7 DDOUGGE DE  | OLIFOTED BITTHE BROCK AM.   | 27. 2000      |                 |                           |                         |
| CATEGORY  | QUESTED IN THIS PROGRAM: I  | Y 2000        | COST            | DESIGN                    | STATUS                  |
| CODE  | PROJECT TITLE   | <b>SCOPE</b>  | \$(000)         |                           | CMPL                    |
|   |   | <u></u>       | <del></del>     |                           |                         |
|   | cle/Base Engineer Maintenance   | 53,650 SF     | 8,699           | Mar 97                    | Sep 99                  |
| Com   | plex  |               |                 |                           |                         |
|   |   |               |                 |                           |                         |
|   |   |               |                 |                           |                         |
|   |   |               |                 |                           |                         |
|   |   |               |                 |                           |                         |
|   |   |               |                 |                           |                         |
|   |   |               |                 |                           |                         |
|   |   |               |                 |                           |                         |
| 8 STATE RESER   | VE FORCES FACII ITIES ROARI   | ) RECOMMEND   | A TION          |                           |                         |
|   | VE FORCES FACILITIES BOARI  | O RECOMMENDA  | ATION           | 28 Oct                    | 98                      |
|   | VE FORCES FACILITIES BOARI Construction Approved                                | O RECOMMENDA  | ATION           | 28 Oct<br>(Date           |                         |
| Unilateral C  |   | O RECOMMENDA  | ATION           |                           | )                       |
| Unilateral C  | SITION REQUIRED   |               | ATION           | (Date                     | e)<br>ne                |
| 9. LAND ACQUIS 10. PROJECTS PI                              | Construction Approved   |               | ATION           | (Date                     | ne<br>of Acres)         |
| 9. LAND ACQUIS 10. PROJECTS PICATEGORY                      | Construction Approved SITION REQUIRED  LANNED IN NEXT FOUR YEARS                |               | ATION           | (Date<br>Non<br>(Number o | of Acres)               |
| 9. LAND ACQUIS 10. PROJECTS PI                              | SITION REQUIRED   |               | ATION           | (Date                     | o) ne of Acres)  COST   |
| Unilateral C  9. LAND ACQUIS  10. PROJECTS PI CATEGORY      | Construction Approved SITION REQUIRED  LANNED IN NEXT FOUR YEARS                |               | ATION           | (Date<br>Non<br>(Number o | of Acres)               |
| Unilateral C  9. LAND ACQUIS  10. PROJECTS PI CATEGORY      | Construction Approved SITION REQUIRED  LANNED IN NEXT FOUR YEARS                |               | ATION           | (Date<br>Non<br>(Number o | of Acres)               |
| Unilateral C  9. LAND ACQUIS  10. PROJECTS PI CATEGORY      | Construction Approved SITION REQUIRED  LANNED IN NEXT FOUR YEARS                |               | ATION           | (Date<br>Non<br>(Number o | of Acres)               |
| Unilateral C  9. LAND ACQUIS  10. PROJECTS PI CATEGORY      | Construction Approved SITION REQUIRED  LANNED IN NEXT FOUR YEARS                |               | ATION           | (Date<br>Non<br>(Number o | of Acres)               |
| Unilateral C  9. LAND ACQUIS  10. PROJECTS PI CATEGORY CODE | Construction Approved SITION REQUIRED  LANNED IN NEXT FOUR YEARS  PROJECT TITLE |               | ATION           | (Date<br>Non<br>(Number o | of Acres)               |
| Unilateral C  9. LAND ACQUI:  10. PROJECTS PI CATEGORY CODE | Construction Approved SITION REQUIRED  LANNED IN NEXT FOUR YEARS                |               | ATION           | (Date<br>Non<br>(Number o | of Acres)               |
| Unilateral C  9. LAND ACQUIS  10. PROJECTS PI CATEGORY CODE | Construction Approved SITION REQUIRED  LANNED IN NEXT FOUR YEARS  PROJECT TITLE |               | ATION           | (Date<br>Non<br>(Number o | of Acres)               |
| Unilateral C  9. LAND ACQUIS  10. PROJECTS PI CATEGORY CODE | Construction Approved SITION REQUIRED  LANNED IN NEXT FOUR YEARS  PROJECT TITLE |               | ATION           | (Date<br>Non<br>(Number o | of Acres)               |
| Unilateral C  9. LAND ACQUIS  10. PROJECTS PI CATEGORY CODE | Construction Approved SITION REQUIRED  LANNED IN NEXT FOUR YEARS  PROJECT TITLE |               | ATION           | (Date<br>Non<br>(Number o | of Acres)               |
| Unilateral C  9. LAND ACQUIS  10. PROJECTS PI CATEGORY CODE | Construction Approved SITION REQUIRED  LANNED IN NEXT FOUR YEARS  PROJECT TITLE |               | ATION           | (Date<br>Non<br>(Number o | of Acres)               |
| 9. LAND ACQUIS  10. PROJECTS PI CATEGORY CODE               | Construction Approved SITION REQUIRED  LANNED IN NEXT FOUR YEARS  PROJECT TITLE |               | ATION           | (Date<br>Non<br>(Number o | of Acres)               |
| 9. LAND ACQUIS  10. PROJECTS PI CATEGORY CODE               | Construction Approved SITION REQUIRED  LANNED IN NEXT FOUR YEARS  PROJECT TITLE |               | ATION           | (Date<br>Non<br>(Number o | of Acres)               |
| 9. LAND ACQUIS  10. PROJECTS PI CATEGORY CODE               | Construction Approved SITION REQUIRED  LANNED IN NEXT FOUR YEARS  PROJECT TITLE |               | ATION           | (Date<br>Non<br>(Number o | of Acres)               |
| 9. LAND ACQUIS  10. PROJECTS PI CATEGORY CODE               | Construction Approved SITION REQUIRED  LANNED IN NEXT FOUR YEARS  PROJECT TITLE |               | ATION           | (Date<br>Non<br>(Number o | of Acres)               |
| Unilateral C  9. LAND ACQUIS  10. PROJECTS PI CATEGORY CODE | Construction Approved SITION REQUIRED  LANNED IN NEXT FOUR YEARS  PROJECT TITLE |               | ATION           | (Date<br>Non<br>(Number o | of Acres)               |
| Unilateral C  9. LAND ACQUI:  10. PROJECTS PI CATEGORY CODE | Construction Approved SITION REQUIRED  LANNED IN NEXT FOUR YEARS  PROJECT TITLE |               | ATION           | (Date<br>Non<br>(Number o | of Acres)               |
| 9. LAND ACQUIS  10. PROJECTS PI CATEGORY CODE               | Construction Approved SITION REQUIRED  LANNED IN NEXT FOUR YEARS  PROJECT TITLE |               | ATION           | (Date<br>Non<br>(Number o | e)<br>ne                |

| 1. COMPONENT   | FY 2000 GUARD AND RESERVE | 2. DATE  |  |  |  |  |
|--|---------------------------|----------|--|--|--|--|
| ANG  | MILITARY CONSTRUCTION     | 1 Feb 99 |  |  |  |  |
| A TYPE ATT A TYPE A TYP |                           |          |  |  |  |  |

#### LITTLE ROCK AIR FORCE BASE, ARKANSAS

#### 11. PERSONNEL STRENGTH AS OF 31 Oct 98

|            | PERMANENT                       |    |     |    |     | GUARD/RESERVE  |                 |     |
|------------|---------------------------------|----|-----|----|-----|----------------|-----------------|-----|
|            | TOTAL OFFICER ENLISTED CIVILIAN |    |     | TC | TAL | <b>OFFICER</b> | <b>ENLISTED</b> |     |
| AUTHORIZED | 399                             | 61 | 319 | 0  |     | 987            | 142             | 845 |
| ACTUAL     | 373                             | 50 | 311 | 0  |     | 894            | 139             | 755 |

#### 12. RESERVE UNIT DATA

|                                  | STREM             | NGTH   |
|----------------------------------|-------------------|--------|
| <u>UNIT DESIGNATION</u>          | <b>AUTHORIZED</b> | ACTUAL |
| 123 Intelligence Squadron        | 85                | 63     |
| 154 Trainning Squadron           | 116               | 114    |
| 154 Weather Flight               | 18                | 15     |
| 189 Aircraft Generation Squadron | 64                | 57     |
| 189 Aerial Port Flight           | 64                | 61     |
| 189 Civil Engineering Squadron   | 71                | 65     |
| 189 Communication Flight         | 44                | 40     |
| 189 Logistics Group              | 8                 | 9      |
| 189 Logistics Squadron           | 112               | 93     |
| 189 Logistics Support Flight     | 14                | 13     |
| 189 Medical Squadron             | 60                | 57     |
| 189 Maintenance Squadron         | 101               | 92     |
| 189 Mission Support Flight       | 30                | 30     |
| 189 Operations Group             | 13                | 12     |
| 189 Operations Support Flight    | 23                | 22     |
| 189 Security Forces Squadron     | 51                | 52     |
| 189 Support Group                | 5                 | 4      |
| 189 Services Flight              | 27                | 17     |
| HQ ARANG                         | 25                | 24     |
| HQ Air Refueling Wing            | 55                | 53     |
| MC 189MD                         | <u>1</u>          | 1      |
| TOTALS                           | 987               | 894    |

#### 13. MAJOR EQUIPMENT AND AIRCRAFT

| <u>TYPE</u>         | <u>AUTHORIZED</u> | <b>ASSIGNED</b> |
|---------------------|-------------------|-----------------|
| C-130E Aircraft     | 8                 | 10              |
| Support Equipment   | 77                | 78              |
| Vehicle Equivalents | 216               | 216             |

| 1. COMPONENT                              |  |                     |                 |       |          |          | 2.             | DATE         |
|---|--|---------------------|-----------------|-------|----------|----------|----------------|--------------|
|   | FY 2000 MILITARY CONSTRUCTION PROJECT DATA |                     |                 |       |          |          |                |              |
| ANG (computer generated)                  |  |                     |                 |       |          | <u> </u> | 1 Feb 99       |              |
| 3. INSTALLATION                           | AND I                                      | LOCATION            | 1               |       | PROJECT  |          |                |              |
|   |  |                     |                 |       | CLE/BASE |          |                |              |
|   |  | E BASE, ARKANSAS    |                 |       | TENANCE  | COMPLI   | EX             |              |
| 5. PROGRAM ELEM                           | ENT  | 6. CATEGORY CODE    | 7. PROJEC       | T NUM | IBER     | 8. PROJI |                | COST(\$000)  |
|   |  |                     |                 |       |          | AUTH:    |                | 3,699        |
| 55296F                                    |  | 214-425             | NKA             | K9890 | 42       | APPROF   | <b>?</b> : \$1 | ,881         |
|   |  | 9. COST             | <b>ESTIMATE</b> | S     |          |          |                |              |
|   | -  |                     |                 |       |          | UNI      | Т              | COST         |
|   |  | ITEM                |                 | U/M   | QUANTIT  | Y COS    | T              | (\$000)      |
|   |  | E/CIVIL ENGINEER CO |                 | SM    | 5,026    |          |                | 5,703        |
|   |  | NCE AND TRAINING AF | REAS            | SM    | 2,443    | 1,25     | 0              | (3,054)      |
| MEDICAL TRAIN                             |  |                     |                 | SM    | 910      | -,       |                | (1,273)      |
|   |  | HED AND CE/ASE STO  | RAGE            | SM    | 1,377    |          |                | ( 895)       |
| REFUELING VEH                             |  | SHOP                |                 | SM    | 140      | 1 /      |                | ( 294)       |
| ALTER ASE SHO                             |  |                     |                 | SM    | 156      | 1,20     | 0              | ( 187)       |
| SUPPORTING FACE                           | LITIE                                      | ES                  |                 | l     |          |          |                | 2,145        |
| UTILITIES                                 |  |                     |                 | LS    |          |          |                | ( 480)       |
| PAVEMENTS/SIT                             |  |                     |                 | LS    |          |          |                | ( 800)       |
|   |  | ION/RELOCATE ASE    |                 | LS    |          |          |                | ( 230)       |
| COMMUNICATION                             |  |                     |                 | LS    |          |          |                | ( 95)        |
| DEMOLITION/AS<br>SUBTOTAL                 | SBES!                                      | IOS REMOVAL         |                 | LS    |          |          |                | (_540)       |
|   | 27   |                     |                 |       |          |          |                | 7,848        |
| CONTINGENCY (5%) TOTAL CONTRACT COST      |  |                     |                 |       |          |          |                | 392          |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) |  |                     |                 |       |          | -        |                | 8,240<br>495 |
| TOTAL REQUEST                             |  |                     |                 |       | ł        | 1        |                | 8,735        |
| TOTAL REQUEST                             | 'nΩI Π                                     | NDED)               |                 |       |          |          |                | 8,699        |
|   |  | ER APPROPRIATIONS ( | NON-ADD)        |       |          |          |                | ( 300)       |
|   |  |                     | 1101111100)     | l     |          |          |                | ( 300)       |

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel-framed masonry walls and roof structure. Exterior to match base architectural style. Provide access road to vehicle maintenance shop. Includes all utilities, access pavements, site improvements, fire protection, and support. Relocate vehicle fill station to new location. Alteration: rearrange and extend interior walls and utilities. Replace roof, windows, and doors; provide exterior siding to match nearby buildings. Demolish 3 buildings (2,743 SM) and provide parking areas.

Air Conditioning: 193 KW

11. REQUIREMENT: 54,100 SM ADEQUATE: 0 SM SUBSTANDARD: 29,530 SM PROJECT: Vehicle/Base Engineer Maintenance Complex (Current Mission).

REQUIREMENT: The 189th Airlift Wing (189 AW) requires properly sized and adequately configured space for training personnel to repair and maintain military vehicles and aircraft support equipment (ASE) in support of the assigned C-130 aircraft. The unit also requires a fuel dispensing island with aboveground storage tanks that comply with all environmental, operational, safety, and fire codes. In addition, requirements exist for base civil engineer, services, and air base operability maintenance, training, mobility, administrative, and storage functions. The 189 AW also requires adequately sized and properly configured space for the training of medical and dental personnel and for providing preventative medical and dental services to maintain unit readiness.

<u>CURRENT SITUATION</u>: The vehicle maintenance function is housed in an inadequately sized facility that is not compatible or configured to support their maintenance and training needs. Refueler vehicle maintenance is done outside because the bays are too small and do not comply with National Electric Codes. The current ASE function is located in a pre-engineered metal building constructed in 1965. The building is too small, poorly configured, and has numerous health, fire, and safety hazards. The vehicle maintenance facility is structurally sound and being adjacent to the aircraft apron, it is an ideal location for the ASE shop. An addition to the facility will provide space for covered storage and

| 1. COMPONENT |  | 2. DATE  |
|--------------|--|----------|
|              | FY 2000 MILITARY CONSTRUCTION PROJECT DATA |          |
| ANG          | (computer generated)                       | 1 Feb 99 |

LITTLE ROCK AIR FORCE BASE, ARKANSAS

5. PROJECT TITLE

7. PROJECT NUMBER

VEHICLE/BASE ENGINEER MAINTENANCE COMPLEX

NKAK989042

equipment maintenance bays for the assigned ASE. Civil engineer, services, air base operability, and medical training functions are collocated in a building which is severely undersized. The inadequately configured maintenance shops severely limit the quantity and quality of work. Services is currently located in antiquated maintenance shops at less than a third of their authorized space while air base operability is also located in an former shop area. Consequently, both functions suffer from significant inefficiencies in training and administrative space. Medical training is accomplished in an area that is less than 50 percent of the authorized space and is also poorly configured. The examination rooms are inadequate to properly perform physicals, dental check-ups, and immunizations. The facility supports approximately 980 personnel of the 189 AW and 235 personnel from two geographically separated units. Furthermore, the medical training function conducts a high number of flight physicals due to the unit mission being aircrew training. The overcrowded conditions hinder the proper processing and training of personnel, and adversely impact the privacy expected in a medical facility. Excessive time is spent in corridors and outdoors while waiting in line for physicals, immunizations, and screenings. IMPACT IF NOT PROVIDED: These support functions will continue to be adversely affected by the substandard facility conditions. Unit readiness will continue to be degraded as a result of the lost training opportunities. Personnel safety continues to be less than adequate and health and safety deficiencies will remain. Quality of life is seriously impaired and adversely affects morale, recruiting, and retention.

ADDITIONAL: This project is in accordance with the approved base development plan.

This project is funded using advance appropriations. However, full authorization is requested in the year of initial appropriation. The ANG plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount.

Vehicle Maintenance and Training:

Medical Training:

Vehicle Ops Park Shed and CE/ASE Storage:

Refueling Vehicle Shop:

ASE Shop:

2,443 SM = 26,296 SF
910 SM = 9,795 SF
1,377 SM = 14,822 SF
140 SM = 1,507 SF
156 SM = 1,679 SF

| 1. C  | OMPONENT       |                           |  | <del>1</del>         | 2. DATE      |
|-------|----------------|---------------------------|--|----------------------|--------------|
|       | ANG            | FY 2000 MILIT             | TARY CONSTRUCTION (computer generated)             | PROJECT DATA         | 1 Feb 99     |
| 3. IN | ISTALLATION .  | AND LOCATION              | 1  |                      |              |
| LITT  | LE ROCK AIR I  | FORCE BASE, ARKA          | ANSAS  |                      |              |
| 5. PR | OJECT TITLE    |                           |  | 7. PR                | OJECT NUMBER |
| VEH   | ICLE/BASE EN   | GINEER MAINTENA           | NCE COMPLEX  |                      | NKAK989042   |
| 12.   | SUPPLEMEN      | TAL DATA:                 |  |                      |              |
| a.    | Estimated Des  | ign Data:                 |  |                      |              |
|       | (1) Status:    |                           |  |                      |              |
|       | • •            | Design Started            |  |                      | Mar 1997     |
|       |                |                           | s used to develop costs                            |                      | YES          |
|       |                | nt Complete as of Ja      | n 1999   |                      | 35%          |
|       |                | 35% Designed              |  |                      | Dec 1998     |
|       |                | Design Complete           | 1 ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '            | C 1                  | Sep 1999     |
|       | (f) Energy     | y Study/Life-Cycle a      | analysis was/will be per                           | formed               | YES          |
|       | (2) Basis:     |                           |  |                      |              |
|       | ` '            | ard or Definitive Des     | sign -   |                      | NO           |
|       |                | e Design Was Most         |  |                      |              |
|       | (3) Total Cost | t(c) = (a) + (b)  or  (d) | ) + (e)·   |                      | (\$000)      |
|       |                | ction of Plans and S      |  |                      | 475          |
|       |                | ther Design Costs         | peemeanons   |                      | 107          |
|       | (c) Total      | mor Design Costs          |  |                      | 582          |
|       | (d) Contr      | act                       |  |                      | 582          |
|       | (e) In-Ho      |                           |  |                      | 302          |
|       |                |                           |  |                      |              |
|       | (4) Construct  | ion Start                 |  |                      | Apr 2000     |
|       | (5) Construct  | ion Completion            |  |                      | May 2001     |
|       |                |                           | ect Definition with Para<br>% design to ensure val |                      |              |
| b.    | Equipment ass  | ociated with this pro     | ject will be provided fro                          | om other appropriati | ions: YES    |
|       |                |                           |  | FISCAL YEAR          |              |
|       | EOI            | JIPMENT                   | PROCURING  | APPROPRIATED         | COST         |
|       |                | NCLATURE                  | APPROPRIATION                                      | OR REQUESTED         |              |
|       |                |                           |  | -                    | ` ,          |
|       | Pre-wi         | red Workstations          | 3840   | 2001                 | 300          |
|       |                |                           |  |                      |              |
|       |                |                           |  |                      |              |
|       |                |                           |  |                      |              |

Point of Contact: Capt. Robert Bowie (301) 836-8187

| 1. COMPONENT   | FY 2000 GUARI   | O AND RESERV    | E               | 2. D                      | ATE                   |  |  |  |  |
|--|---|-----------------|-----------------|---------------------------|-----------------------|--|--|--|--|
| ANG  |   | 1 Feb 99        |                 |                           |                       |  |  |  |  |
| 3. INSTALLATION  |   | REA CONSTR      |                 |                           |                       |  |  |  |  |
| MOFFETT FIELD, CALIFORNIA COST INDEX 1.18  |   |                 |                 |                           |                       |  |  |  |  |
| 5. FREQUENCY AND TYPE OF UTILIZATION   |   |                 |                 |                           |                       |  |  |  |  |
| Four Unit Training Assemblies per month, 15 days annual field training per year, daily use by technician/AGR |   |                 |                 |                           |                       |  |  |  |  |
| force and for training.  |   |                 |                 |                           |                       |  |  |  |  |
|  |   |                 |                 |                           |                       |  |  |  |  |
|  |   |                 |                 |                           |                       |  |  |  |  |
| C OTHER ACTIVI   | E/GUARD/RESERVE INSTALLAT                               | CIONE WITHIN 1  | E MILEO DA      | DILIC                     |                       |  |  |  |  |
|  | , nine Army National Guard Units, t                     |                 |                 |                           | Jarine Reserve        |  |  |  |  |
| Centers.   | , mile miny mational Gada Onio, t                       | wo miny reserve | o Contors, and  | 2 tvv 0 1 tu v y/1v       | iai iiio itosoi vo    |  |  |  |  |
|  |   |                 |                 |                           |                       |  |  |  |  |
|  |   |                 |                 |                           |                       |  |  |  |  |
|  |   | W. S            |                 |                           |                       |  |  |  |  |
|  | UESTED IN THIS PROGRAM: F                               | Y 2000          | COUT            | DEGLOV                    | COTE A TEXT TO        |  |  |  |  |
| CATEGORY<br><u>CODE</u>  | PROJECT TITLE   | SCOPE           | COST<br>\$(000) |                           | STATUS<br>CMPL        |  |  |  |  |
| CODE   | FROJECT TITLE   | SCOPE           | <u>\$(000)</u>  | SIAKI                     | CNIFL                 |  |  |  |  |
| 211-111 Repla  | ce Aircraft Maintenance Hangar                          | 5,700 SM        | 14,000          | Apr 98                    | Sep 99                |  |  |  |  |
| •  | C   | •               | ·               | •                         | •                     |  |  |  |  |
|  |   |                 |                 |                           |                       |  |  |  |  |
|  |   |                 |                 |                           |                       |  |  |  |  |
|  |   |                 |                 |                           |                       |  |  |  |  |
|  |   |                 |                 |                           |                       |  |  |  |  |
|  |   |                 |                 |                           |                       |  |  |  |  |
|  |   |                 |                 |                           |                       |  |  |  |  |
| O CTATE DECEDI   | IE EODOES FACILITIES DOADD                              | DECOMMENDA      | TION            |                           |                       |  |  |  |  |
| •  | VE FORCES FACILITIES BOARD                              | RECOMMENDA      | ATION           | 11 Mar                    | • 98                  |  |  |  |  |
| •  | VE FORCES FACILITIES BOARD onstruction Approved         | RECOMMENDA      | ATION           | 11 Mar<br>(Date           |                       |  |  |  |  |
| •  | onstruction Approved                                    | RECOMMENDA      | ATION           |                           | e)                    |  |  |  |  |
| Unilateral Co  | onstruction Approved                                    | RECOMMENDA      | ATION           | (Date                     | e)<br>ne              |  |  |  |  |
| 9. LAND ACQUIS 10. PROJECTS PL   | onstruction Approved                                    | RECOMMENDA      | ATION           | (Date                     | e)<br>ne<br>of Acres) |  |  |  |  |
| 9. LAND ACQUIS 10. PROJECTS PL. CATEGORY   | ONSTRUCTION APPROVED  ANNED IN NEXT FOUR YEARS          | RECOMMENDA      | ATION           | (Date<br>Nor<br>(Number o | e) ne of Acres)  COST |  |  |  |  |
| 9. LAND ACQUIS 10. PROJECTS PL   | onstruction Approved                                    | RECOMMENDA      | ATION           | (Date                     | e)<br>ne<br>of Acres) |  |  |  |  |
| 9. LAND ACQUIS 10. PROJECTS PL. CATEGORY   | ONSTRUCTION APPROVED  ANNED IN NEXT FOUR YEARS          | RECOMMENDA      | ATION           | (Date<br>Nor<br>(Number o | e) ne of Acres)  COST |  |  |  |  |
| 9. LAND ACQUIS 10. PROJECTS PL. CATEGORY   | ONSTRUCTION APPROVED  ANNED IN NEXT FOUR YEARS          | RECOMMENDA      | ATION           | (Date<br>Nor<br>(Number o | e) ne of Acres)  COST |  |  |  |  |
| 9. LAND ACQUIS 10. PROJECTS PL. CATEGORY   | ONSTRUCTION APPROVED  ANNED IN NEXT FOUR YEARS          | RECOMMENDA      | ATION           | (Date<br>Nor<br>(Number o | e) ne of Acres)  COST |  |  |  |  |
| 9. LAND ACQUIS  10. PROJECTS PLACATEGORY  CODE   | ITION REQUIRED  ANNED IN NEXT FOUR YEARS  PROJECT TITLE | RECOMMENDA      | ATION           | (Date<br>Nor<br>(Number o | e) ne of Acres)  COST |  |  |  |  |
| 9. LAND ACQUIS  10. PROJECTS PLACATEGORY  CODE   | ONSTRUCTION APPROVED  ANNED IN NEXT FOUR YEARS          | RECOMMENDA      | ATION           | (Date<br>Nor<br>(Number o | e) ne of Acres)  COST |  |  |  |  |
| 9. LAND ACQUIS  10. PROJECTS PLACATEGORY  CODE   | ITION REQUIRED  ANNED IN NEXT FOUR YEARS  PROJECT TITLE | RECOMMENDA      | ATION           | (Date<br>Nor<br>(Number o | e) ne of Acres)  COST |  |  |  |  |
| 9. LAND ACQUIS  10. PROJECTS PLACATEGORY  CODE   | ITION REQUIRED  ANNED IN NEXT FOUR YEARS  PROJECT TITLE | RECOMMENDA      | ATION           | (Date<br>Nor<br>(Number o | e) ne of Acres)  COST |  |  |  |  |
| 9. LAND ACQUIS  10. PROJECTS PLACATEGORY  CODE   | ITION REQUIRED  ANNED IN NEXT FOUR YEARS  PROJECT TITLE | RECOMMENDA      | ATION           | (Date<br>Nor<br>(Number o | e) ne of Acres)  COST |  |  |  |  |
| 9. LAND ACQUIS  10. PROJECTS PLACATEGORY  CODE   | ITION REQUIRED  ANNED IN NEXT FOUR YEARS  PROJECT TITLE | RECOMMENDA      | ATION           | (Date<br>Nor<br>(Number o | e) ne of Acres)  COST |  |  |  |  |
| 9. LAND ACQUIS  10. PROJECTS PLACATEGORY  CODE   | ITION REQUIRED  ANNED IN NEXT FOUR YEARS  PROJECT TITLE | RECOMMENDA      | ATION           | (Date<br>Nor<br>(Number o | e) ne of Acres)  COST |  |  |  |  |
| 9. LAND ACQUIS  10. PROJECTS PLACATEGORY  CODE   | ITION REQUIRED  ANNED IN NEXT FOUR YEARS  PROJECT TITLE | RECOMMENDA      | ATION           | (Date<br>Nor<br>(Number o | e) ne of Acres)  COST |  |  |  |  |
| 9. LAND ACQUIS  10. PROJECTS PLACATEGORY  CODE   | ITION REQUIRED  ANNED IN NEXT FOUR YEARS  PROJECT TITLE | RECOMMENDA      | ATION           | (Date<br>Nor<br>(Number o | e) ne of Acres)  COST |  |  |  |  |
| 9. LAND ACQUIS  10. PROJECTS PLACATEGORY  CODE   | ITION REQUIRED  ANNED IN NEXT FOUR YEARS  PROJECT TITLE | RECOMMENDA      | ATION           | (Date<br>Nor<br>(Number o | e) ne of Acres)  COST |  |  |  |  |
| 9. LAND ACQUIS  10. PROJECTS PLACATEGORY  CODE   | ITION REQUIRED  ANNED IN NEXT FOUR YEARS  PROJECT TITLE | RECOMMENDA      | ATION           | (Date<br>Nor<br>(Number o | e) ne of Acres)  COST |  |  |  |  |

| 1. COMPONENT | FY 2000 GUARD AND RESERVE | 2. DATE  |
|--------------|---------------------------|----------|
| ANG          | MILITARY CONSTRUCTION     | 1 Feb 99 |

#### MOFFETT FIELD, CALIFORNIA

#### 11. PERSONNEL STRENGTH AS OF 01 Aug 98

|            | PERMANENT                       |    |     | _  | GUARD/RESERVE |                |                 |     |
|------------|---------------------------------|----|-----|----|---------------|----------------|-----------------|-----|
|            | TOTAL OFFICER ENLISTED CIVILIAN |    |     |    | TOTAL         | <b>OFFICER</b> | <b>ENLISTED</b> |     |
| AUTHORIZED | 267                             | 27 | 224 | 16 |               | 841            | 108             | 733 |
| ACTUAL     | 255                             | 27 | 212 | 16 |               | 819            | 110             | 709 |

#### 12. RESERVE UNIT DATA

|                                  |       | STR        | ENGTH     |
|----------------------------------|-------|------------|-----------|
| UNIT DESIGNATION                 |       | AUTHORIZED | ACTUAL    |
| 129 Aircraft Generation Squadron |       | 63         | 51        |
| 129 Civil Engineering Squadron   |       | 107        | 110       |
| 129 Communication Flight         |       | 42         | 43        |
| 129 Logistics Group              |       | 10         | 9         |
| 129 Logistics Squadron           |       | 112        | 99        |
| 129 Logistics Support Flight     |       | 15         | 13        |
| 129 Medical Operating Location   |       | 5          | 5         |
| 129 Medical Squadron             |       | 60         | 75        |
| 129 Maintenance Squadron         |       | 99         | 90        |
| 129 Mission Support Flight       |       | 66         | 61        |
| 129 Operations Group             |       | 10         | 10        |
| 129 Operations Support Group     |       | 22         | 24        |
| 129 Rescue Squadron              |       | 117        | 120       |
| 129 Rescue Wing                  |       | 52         | 47        |
| 129 Support Group                |       | 5          | 5         |
| 129 Services Flight              |       | 20         | 20        |
| 561 Air Force Band               |       | <u>36</u>  | <u>37</u> |
| TO                               | OTALS | 841        | 819       |

#### 13. MAJOR EQUIPMENT AND AIRCRAFT

| <u>TYPE</u>         | <u>AUTHORIZED</u> | <b>ASSIGNED</b> |
|---------------------|-------------------|-----------------|
| HC-130P Aircraft    | 4                 | 4               |
| MH-60G Aircraft     | 5                 | 5               |
| Support Equipment   | 98                | 111             |
| Vehicle Equivalents | 230               | 225             |

| 1. COMPONENT 2. DATE   |                |
|--|----------------|
|  |                |
| FY 2000 MILITARY CONSTRUCTION PROJECT DATA                                     |                |
| ANG (computer generated) 1 Feb 9   | 9              |
| 3. INSTALLATION AND LOCATION 4. PROJECT TITLE                                  |                |
| REPLACE AIRCRAFT MAINTENANC  | E              |
| MOFFETT FIELD, CALIFORNIA HANGAR   |                |
| 5. PROGRAM ELEMENT   6. CATEGORY CODE   7. PROJECT NUMBER   8. PROJECT COST(\$ | 000)           |
| AUTH: \$14,000   |                |
| 55296F 211-111 QMSN929887 APPROP: \$3,033                                      |                |
| 9. COST ESTIMATES  |                |
| UNIT COS   | T              |
| ITEM U/M QUANTITY COST (\$00)  | 0)             |
|  | 8,509          |
|  | 4,970)         |
|  | 2,470)         |
| NON-DESTRUCTIVE INSPECTION SHOP AREA SM 344 1,668 (                            | 574)           |
| AIRCRAFT GROUND EQUIPMENT STORAGE AREA SM 418 1,184 (                          | 495)           |
|  | 4,150          |
| UTILITIES LS (   | 950)           |
| AIRCRAFT RAMP AND ACCESS ROADS LS (  | 840)           |
| FIRE DETECTION AND SUPPRESSION SYSTEM LS (                                     | 860)           |
|  | 1,300)         |
| COMMUNICATIONS SUPPORT LS (  | 150)           |
| DEMOLITION AND ASBESTOS REMOVAL LS (   | 50)            |
|  | 2,659          |
| CONTINGENCY (5%) TOTAL CONTRACT COST   | 633            |
| SUPERVISION, INSPECTION AND OVERHEAD (6%)                                      | 3,292<br>798   |
|  | 4,090          |
|  | 4,090<br>4,000 |

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, steel structure with metal skin and roof covering. The shop areas will have reinforced concrete foundation and floor slab, steel-framed masonry walls, and roof structure, all with seismic criteria applied. Includes interior mechanical and electrical systems, fire protection, and cranes/hoists. Exterior utilities, aircraft and vehicular pavements, site improvements, pile foundations and communications support. Demolish one facility (372 SM) which is in the way of construction.

11. REQUIREMENT: 5,760 SM ADEQUATE: 0 SM SUBSTANDARD: 8,119 SM PROJECT: Replace Composite Maintenance Hangar (Current Mission).

EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)

REQUIREMENT: The base requires an adequately sized and properly configured facility with correctly sized electrical and mechanical systems to support the aircraft maintenance, organizational maintenance shops, general purpose shops, and equipment/storage functions necessary to accomplish the training and rescue missions for the assigned HC-130 aircraft and HH-60G helicopters.

CURRENT SITUATION: A Navy base closed by the 1991 Base Realignment and Closure process, Moffett Field is now operated by NASA. The ANG is a tenant and shares the runway and other airfield infrastructure. Maintenance activities for the ANG-assigned HC-130 and HH-60G aircraft are performed in a multi-use, World War II-vintage hangar. Made of redwood, the building is on the National Register of Historic Places. It was constructed for dirigibles and is 46-meters high. Besides expending an inordinate amount of money to operate and maintain it, the ANG occupies only about one-sixth of the structure. Other users have moved out due to those high costs and safety hazards. No other facility exists in which to accomplish indoor aircraft maintenance. The wooden hangar has no fire detection or suppression systems. The structural wood trusses are badly deteriorated and some have fallen onto the floor. Although no one has been injured, the threat of injuries to personnel and damage to aircraft is still apparent. An engineering study has determined the truss repairs alone cost in excess

Air Conditioning: 264 KW

(150)

| 1. COMPONENT      | FY 2000 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE        |
|-------------------|--|----------------|
| ANG               | (computer generated)                       | 1 Feb 99       |
| 3. INSTALLATION A | ND LOCATION                                |                |
| MOFFETT FIELD, CA | LIFORNIA                                   |                |
| 5. PROJECT TITLE  | 7.   | PROJECT NUMBER |
| REPLACE AIRCRAFT  | MAINTENANCE HANGAR                         | QMSN929887     |

of \$5.5 million. The hangar has two doors at each end, both of which are massive in weight and height. The wheels and tracks of the doors do not function properly and are often stuck in an open or closed position and can take days to make operational. During these periods, aircraft cannot be moved. creating an extremely dangerous situation should a fire occur inside the wooden structure. The building has inadequate electrical power and lighting. Proper lighting levels can only be achieved by the use of portable units. The heating system is grossly undersized and antiquated. It is connected to a central heat plant and the steam lines are poorly insulated, old, corroded, and have friable asbestos insulation which allows substantial heat loss. During the winter, many occupants are forced to use electric space heaters which are very inefficient and add to the electrical overload. In addition, the maintenance shops are not properly sized or configured for the present mission. The NDI shop has 47 percent of the minimum required space while general purpose shops occupy 70 percent of the minimum authorization. Interior reconfiguration is not economically possible due to the structural integrity of the building. The building does not meet seismic codes and has numerous health, fire, and safety code violations. IMPACT IF NOT PROVIDED: Costs to operate and maintain the facility are exorbitant and continue to increase. Continued violations of fire, safety, building, and seismic codes causing unacceptable risks. Loss of training opportunities and effective maintenance due to poor facility conditions. Quality of life for personnel is severely impaired.

<u>ADDITIONAL</u>: The cost to upgrade the hangar and eliminate the numerous and serious health and safety code violations, as well as the connecting utility lines leading to the hangar, is estimated to cost in excess of \$25 million. Upon completion of this project, the hangar will be removed from the DOD facility inventory and will be returned to NASA for disposition.

This project is funded using advance appropriations. However, full authorization is requested in the year of initial appropriation. The ANG plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount.

Maintenance Hangar: 3,298 SM = 35,499 SF
General Purpose Shops: 1,700 SM = 18,299 SF
Non-Destructive Inspection Shop: 344 SM = 3,703 SF
Aircraft Ground Equipment Storage: 418 SM = 4,499 SF

| 1 0   | 01 (00) (0)   |                           |                           |                     | I a Diamo         |
|-------|---------------|---------------------------|---------------------------|---------------------|-------------------|
| 1. C  | OMPONENT      | FV 2000 MILIT             | ARY CONSTRUCTION          | PROJECT DATA        | 2. DATE           |
|       | ANG           | 1 1 2000 WILDI            | (computer generated)      | TROJECT BITTI       | 1 Feb 99          |
| 3. IN | ISTALLATION   | AND LOCATION              |                           |                     |                   |
| MOF   | FETT FIELD, C | CALIFORNIA                |                           |                     |                   |
| 5. PR | OJECT TITLE   |                           |                           | 7. P.               | ROJECT NUMBER     |
| DEDI  | ACE AIDCDAE   | T MAINTENANCE H           | IANGAD                    |                     | QMSN929887        |
| KEF   | JACE AIRCRAI  | T MAINTENANCE I           | IANOAK                    |                     | QIVISIN929881     |
| 12.   | SUPPLEMEN     | ITAL DATA:                |                           |                     | ·                 |
| a.    | Estimated Des | sign Data:                |                           |                     |                   |
|       | (1) Status:   |                           |                           |                     |                   |
|       | ` '           | Design Started            |                           |                     | Apr 1998          |
|       |               |                           | used to develop costs     |                     | YES               |
|       | ` '           | nt Complete as of Ja      | *                         |                     | 35%               |
|       |               | 35% Designed              |                           |                     | Oct 1998          |
|       | ` '           | Design Complete           |                           |                     | Sep 1999          |
|       |               |                           | nalysis was/will be per   | formed              | YES               |
|       | (-)           | <i>yy</i>                 |                           |                     | ~                 |
|       | (2) Basis:    |                           |                           |                     |                   |
|       | ` '           | ard or Definitive Des     | sign -                    |                     | YES               |
|       |               | e Design Was Most         |                           |                     | Boise, ID         |
|       |               | -                         |                           |                     |                   |
|       |               | t(c) = (a) + (b)  or  (d) |                           |                     | (\$000)           |
|       |               | ction of Plans and S      | pecifications             |                     | 550               |
|       | (b) All O     | ther Design Costs         |                           |                     | 140               |
|       | (c) Total     |                           |                           |                     | 690               |
|       | (d) Contr     | ract                      |                           |                     | 690               |
| 1     | (e) In-Ho     | ouse                      |                           |                     |                   |
|       | (4) Construct | ion Start                 |                           |                     | Apr 2000          |
|       |               |                           |                           |                     | -                 |
|       | (5) Construct | tion Completion           |                           |                     | Jun 2001          |
|       | * Indicate    | es completion of Proj     | ect Definition with Para  | ametric Cost Estim  | ate which         |
|       | is compar     | rable to traditional 35   | % design to ensure val    | id scope and cost a | nd executability. |
| b.    | Equipment ass | sociated with this pro    | ject will be provided fro | om other appropria  | tions: YES        |
| 1     |               |                           |                           | FISCAL YEAR         |                   |
|       | FO            | UIPMENT                   | PROCURING                 | APPROPRIATE         |                   |
|       | •             | ENCLATURE                 | APPROPRIATION             | OR REQUESTE         |                   |
|       |               |                           |                           | -                   | , ,               |
|       | Pre-w         | ired Workstations         | 3840                      | 2001                | 150               |
|       |               |                           |                           |                     |                   |
| 1     |               |                           |                           |                     |                   |
| 1     |               |                           |                           |                     |                   |

Point of Contact: Mr. Hal Brazelton (301) 836-8072

| 1. COMPONE<br>ANG               |  | GUARD AND RESERV<br>RY CONSTRUCTION |                 | 2. DA                | ATE<br>1 Feb 99  |
|---------------------------------|--|-------------------------------------|-----------------|----------------------|------------------|
| 3. INSTALLA                     | <u> </u>   |                                     | EA CONSTR       |                      |                  |
| CAMANNALL                       | NITEDNIATIONIAI AIDDODT CI   |                                     |                 | co                   | ST INDEX         |
|                                 | NTERNATIONAL AIRPORT, GI<br>CY AND TYPE OF UTILIZATIO                  |                                     |                 |                      | .83              |
| Year-round open military units. | erational training of Air National C                                   | Guard units, and other R            | Reserve Compo   | nents' and Ac        | tive Duty        |
| 6. OTHER AC<br>1 Army Base      | TIVE/GUARD/RESERVE INSTA   | ALLATIONS WITHIN                    | 15 MILES RA     | DIUS                 |                  |
| 7. PROJECTS                     | REQUESTED IN THIS PROGRA   | M: FY 2000                          |                 | W.W.                 |                  |
| CATEGORY<br>CODE                | PROJECT TITLE  | <u>SCOPE</u>                        | COST<br>\$(000) | DESIGN S<br>START    |                  |
| 179-511 F<br>442-758 C          | Legional Fire Training Facility<br>Composite Support Complex           | LS<br>9,773 SM                      | 1,700<br>9,800  | Mar 98<br>Mar 97     | Jun 99<br>Jun 99 |
|                                 | SERVE FORCES FACILITIES BO   | DARD RECOMMEND                      | ATION           | 15 Jul 98<br>(Date)  | 3                |
| 9. LAND ACC                     | QUISITION REQUIRED   |                                     |                 | None                 | <del></del>      |
|                                 |  |                                     |                 | (Number of           | Acres)           |
| 10. PROJECT CATEGORY            | S PLANNED IN NEXT FOUR YE  | EARS                                |                 |                      | COST             |
| CODE                            | PROJECT TITLE  |                                     |                 | <u>SCOPE</u>         | \$(000°          |
|                                 | Replace Troop Training Quarters/E<br>Replace Operations and Training F |                                     |                 | 7,488 SM<br>5,547 SM | 14,000<br>9,000  |
| H                               | BMAR: \$13,329,000   |                                     |                 |                      |                  |
|                                 |  |                                     | ·               |                      |                  |
|                                 |  |                                     |                 |                      |                  |
|                                 |  |                                     |                 |                      |                  |
|                                 |  |                                     |                 |                      |                  |

| 1. COMPONENT | FY 2000 GUARD AND RESERVE | 2. DATE  |
|--------------|---------------------------|----------|
| ANG          | MILITARY CONSTRUCTION     | 1 Feb 99 |
|              |                           |          |

#### SAVANNAH INTERNATIONAL AIRPORT, GEORGIA

#### 11. PERSONNEL STRENGTH AS OF 01 Jun 98

|            | PERMANENT    |                |                 |          | GUARD/RES | SERVE     |          |
|------------|--------------|----------------|-----------------|----------|-----------|-----------|----------|
|            | <b>TOTAL</b> | <b>OFFICER</b> | <b>ENLISTED</b> | CIVILIAN | TOTA      | L OFFICER | ENLISTED |
| AUTHORIZED | 259          | 24             | 235             | 0        | 97        | 4 129     | 845      |
| ACTUAL     | 188          | 24             | 164             | 0        | 97        | 0 122     | 848      |

#### 12. RESERVE UNIT DATA

|                                  | STRE              | NGTH          |
|----------------------------------|-------------------|---------------|
| UNIT DESIGNATION                 | <b>AUTHORIZED</b> | <u>ACTUAL</u> |
| 158 Airlift Squadron             | 95                | 91            |
| 165 Airlift Group                | 56                | 56            |
| 165 Aircraft Generation Squadron | . 63              | 64            |
| 165 Aerial Port Squadron         | 99                | 94            |
| 165 Civil Engineering Squadron   | 137               | 142           |
| 165 Communication Flight         | 47                | 45            |
| 165 Logistics Group              | 10                | 11            |
| 165 Logistics Squadron           | 112               | 115           |
| 165 Logistics Support Flight     | 13                | 14            |
| 165 Medical Squadron             | 65                | 67            |
| 165 Maintenance Squadron         | 137               | 120           |
| 165 Mission Support Flight       | 32                | 33            |
| 165 Operations Group             | 6                 | 6             |
| 165 Operations Support Flight    | 19                | 20            |
| 165 Security Forces              | 58                | 64            |
| 165 Support Group                | 5                 | 4             |
| 165 Services Flight              |                   | 24            |
| TOTALS                           | 974               | 970           |

#### 13. MAJOR EQUIPMENT AND AIRCRAFT

| ТҮРЕ                | <u>AUTHORIZED</u> | <u>ASSIGNED</u> |
|---------------------|-------------------|-----------------|
| Vehicle Equivalents | 81                | 78              |
| Support Equipment   | 143               | 113             |
| C-130H Aircraft     | 8                 | 9               |

| 1. COMPONENT                              |             |                     |               |        |          |          | 2.     | DATE        |
|---|-------------|---------------------|---------------|--------|----------|----------|--------|-------------|
|   |             | FY 2000 MILITARY CO | NSTRUCTIO     | ON PRO | DJECT DA | ГА       |        |             |
| ANG                                       |             | (comp               | uter generate | ed)    |          |          |        | 1 Feb 99    |
| 3. INSTALLATION                           | AND I       | LOCATION            |               | 4. F   | ROJECT T | TTLE     | •      |             |
|   |             |                     | 1             |        |          |          |        |             |
| SAVANNAH INTER                            | NATIO       | ONAL AIRPORT, GEOR  | GIA           | COMP   | OSITE SU | PPORT C  | OMF    | LEX         |
| 5. PROGRAM ELEM                           | ENT         | 6. CATEGORY CODE    | 7. PROJEC     | T NUM  | IBER     | 8. PROJE | ECT    | COST(\$000) |
|   |             |                     | ļ             |        |          | AUTH:    | \$9    | ,800 ` 008, |
| 55296F                                    |             | 442-758             | XDQ           | U9195  | 77       | APPROP   | : \$2  | ,116        |
|   |             | 9. COST             | ESTIMATE      | S      |          |          |        |             |
|   |             |                     |               |        |          | UNI      | T      | COST        |
|   |             | ITEM                |               | U/M    | QUANTITY | z cos    | T      | (\$000)     |
| COMPOSITE SUPP                            | ORT C       | COMPLEX             |               | SM     | 9,773    |          |        | 7,173       |
| REPLACE BASE                              | <b>SUPP</b> | LY WAREHOUSE        |               | SM     | 4,106    | 80       | 7      | ( 3,314)    |
| REPLACE BASE                              | <b>SUPP</b> | LY ADMINISTRATION   |               | SM     | 892      | 1,07     | 6      | ( 960)      |
| REPLACE BASE                              | SUPP        | LY STORAGE SHED     |               | SM     | 975      | 59       | 2      | ( 577)      |
| UPGRADE CIVII                             | <b>ENG</b>  | INEER SHOPS & TRAIN | ING           | SM     | 2,676    | 53       | 8      | (1,440)     |
| UPGRADE SECU                              | RITY        | FORCES FACILITY     |               | SM     | 910      |          | 8      | ( 490)      |
| CONSTRUCT HA                              | ZARI        | OOUS MATERIALS PHA  | RMACY         | SM     | 214      | 1,83     | 0      | ( 392)      |
| SUPPORTING FACILITIES                     |             |                     | 1             |        |          |          | 1,250  |             |
| UTILITIES/COMMUNICATIONS/SECURITY SUPPORT |             |                     | LS            |        |          |          | ( 450) |             |
| SITE IMPROVEMENTS/PAVEMENTS/BASE ENTRANCE |             |                     | LS            |        |          |          | ( 350) |             |
| DEMOLITION/ASBESTOS REMOVAL               |             |                     |               | LS     |          |          |        | ( 250)      |
| FIRE PROTECTION SUPPORT                   |             |                     |               | LS     | <u> </u> |          |        | ( 200)      |
| SUBTOTAL                                  |             |                     |               | 1      | Ì        | İ        |        | 8,423       |
| CONTINGENCY (1                            | 0%)         |                     |               |        |          |          |        | <u>842</u>  |

10. Description of Proposed Construction: New Construction: Reinforced concrete foundations and floor slab with steel-framed masonry walls and roof structure. Project includes all exterior utilities, pavements, site improvements, fire protection and support. Upgrade the base entrance at a new location. Alteration: Interior modifications to walls and finishes; extend and modify mechanical, electrical, and fire protection systems. Provide exterior treatment to the upgraded facilities to match base architectural style. Demolish buildings and landscape the grounds.

Air Conditioning: 123 KW

TOTAL CONTRACT COST

TOTAL REQUEST (ROUNDED)

TOTAL REQUEST

SUPERVISION, INSPECTION AND OVERHEAD (6%)

EOUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)

11. REQUIREMENT: 9,773 SM ADEQUATE: 0 SM SUBSTANDARD: 9,328 SM PROJECT: Composite Support Complex (Current Mission).

REQUIREMENT: There are two distinct ANG units at Savannah IAP: Combat Readiness Training Center (CRTC) and 165th Airlift Wing (165 AW) which operates C-130 aircraft. Each unit has separate base supply and civil engineering functions and facility requirements. The CRTC is a regional ANG training base where deploying units from the total force train on nearby air-to-ground and air-to-air ranges. Functional areas required for base supply include warehouse space, administration, traffic management office, contracting, issue, receiving, mobility storage, and readiness spares package (RSP). A consolidated, single point hazardous materials pharmacy is required to store, control and issue hazardous materials and includes a small administrative area for record keeping. It should be in compliance with all safety, environmental and fire code requirements. The civil engineering functions require adequate space for training personnel and maintaining facilities for both units. Functional areas for civil engineering include administration, shops, open storage, and covered storage. The security forces squadron requires adequate space for training, mobility storage, weapons vault, alarm room, and administration.

<u>CURRENT SITUATION</u>: The CRTC supply facilities are scattered among six buildings. Three of these are in poor condition with two being built in the 1950s. The 165 AW supply function is located in

9,265

9,800

450)

556 9,821

| 1. COMPONENT      | FY 2000 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE           |
|-------------------|--|-------------------|
| ANG               | (computer generated)                       | 1 Feb 99          |
| 3. INSTALLATION A | ND LOCATION                                |                   |
| SAVANNAH INTERN   | ATIONAL AIRPORT, GEORGIA                   |                   |
| 5. PROJECT TITLE  | 7  | 7. PROJECT NUMBER |
| COMPOSITE SUPPOR  | T COMPLEX                                  | XDOU919577        |

five buildings, four of which were built in the 1940s. They have low ceilings, worn exterior and interior finishes, insufficient insulation, and electrical and mechanical systems in poor condition and energy inefficient. Most of these facilities have many health, safety and fire code violations. Several roofs have leaked and damaged the wood trusses. The warehouses have only a 3-meter clear height which creates facility inefficiencies and safety problems during material handling operations. At the 165 AW base supply, the access road turning radius prevents 18-wheel delivery trucks from entering through the main gate. The trucks must back up on a public roadway to a separate gate to load and unload. This makeshift operation is unsafe and compromises security. Three CRTC base supply facilities (Buildings 906, 907, and 908) are structurally sound, but unsuitable for the supply function. This project renovates them for the CRTC civil engineering covered storage and shops, and the 165 AW civil engineering administration and shops. These functions are currently housed in six 1950s vintage semi-permanent structures which are structurally defective, totally antiquated, and have numerous health, fire and safety deficiencies. The shops are inadequate in size, configuration, and lack training classroom space. The shop equipment cannot be properly operated because they lack proper safety clearances around them. These facilities have exceeded their useful life and are slated for demolition. Both the civil engineer and base supply functions lack covered storage areas. Much equipment is stored outside, causing accelerated deterioration due to weather. Security forces occupy space in two buildings with some supply functions. They are structurally sound and the space to be vacated by base supply will be upgraded for the security forces squadron which has only 58% of its authorized space in antiquated facilities requiring extensive repair. The electrical and mechanical systems are undersized and violate safety and health requirements. Hazardous materials are being stored in small buildings all over this installation. These buildings are in poor condition with leaking roofs and exterior walls that are not weatherproof. The hazardous materials storage areas have electrical systems that do not comply with the National Electric Code, do not meet the Air Force requirement to have one point of issue and control at each installation, and lack administrative space. IMPACT IF NOT PROVIDED: The CRTC and 165 AW missions continue to be restricted by ineffective and inefficient supply and civil engineering functions. Risks to personnel from fire and safety hazards will continue. Operating costs will remain high. Security risks to personnel, materials and equipment will continue. Quality of life is negatively impacted and degrades morale, recruiting, and retention.

<u>ADDITIONAL</u>: Twenty buildings will be demolished as a result of this project for a total of 4,643 SM. This is the initial phase of the approved comprehensive base master plan to consolidate and modernize the facilities for this installation.

This project is funded using advance appropriations. However, full authorization is requested in the year of initial appropriation. The ANG plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount.

Base Supply Warehouse: 4,106 SM = 44,197 SF
Base Supply Administration: 892 SM = 9,601 SF
Base Supply Storage: 975 SM = 10,495 SF
Civil Engineer Shops & Training: 2,676 SM = 28,804 SF
Security Forces Facility: 910 SM = 9,795 SF
Hazardous Materials Pharmacy: 214 SM = 2,303 SF

| 1. COMPONENT   |       |   |  |  |   |                  |
|--|-------|---|--|--|---|------------------|
| ANG (computer generated) 1 Feb 99  3. INSTALLATION AND LOCATION  SAVANNAH INTERNATIONAL AIRPORT, GEORGIA  5. PROJECT TITLE 7. PROJECT NUMBER  COMPOSITE SUPPORT COMPLEX XDQU919577  12. SUPPLEMENTAL DATA:  a. Estimated Design Data:  (1) Status: (a) Date Design Started Mar 1997 (b) Parametric Cost Estimates used to develop costs YES  * (c) Percent Complete as of Jan 1999 35%  * (d) Date 35% Designed Jun 1998 (e) Date Design Complete Jun 1999 (f) Energy Study/Life-Cycle analysis was/will be performed YES  (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used -  (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Production of Plans and Specifications 588 (b) All Other Design Costs (c) Total 768 (d) Contract (e) In-House  (4) Construction Start Apr 2000  * Indicates completion Froject Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations: YES  FISCAL YEAR  EQUIPMENT PROCURING APPROPRIATED COST NOME 1 (\$000)  * INOMENCLATURE APPROPRIATION OR REQUESTED (\$000)  | 1. C  | OMPONENT                                |  | 4 D. 1. G. O. 1. G. D.  | 2. DATE          |
| 3. INSTALLATION AND LOCATION  SAVANNAH INTERNATIONAL AIRPORT, GEORGIA  5. PROJECT TITLE  COMPOSITE SUPPORT COMPLEX  2. SUPPLEMENTAL DATA:  a. Estimated Design Data:  (1) Status: (a) Date Design Started (b) Parametric Cost Estimates used to develop costs  * (c) Percent Complete as of Jan 1999  * (d) Date 35% Designed (e) Date Design Complete (f) Energy Study/Life-Cycle analysis was/will be performed  (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used -  (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) In-House  (4) Construction Start  Apr 2000  * Indicates completion  * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations:  YES  FISCAL YEAR  EQUIPMENT  PROCURING APPROPRIATED  COST  NOQUESTED  (\$000)  (\$000)  |       | ANG                                     | FY 2000 MILIT                          |  | PROJECT DATA                            | 1 Feb 00         |
| SAVANNAH INTERNATIONAL AIRPORT, GEORGIA  5. PROJECT TITLE  COMPOSITE SUPPORT COMPLEX  2. SUPPLEMENTAL DATA:  a. Estimated Design Data:  (1) Status:  (a) Date Design Started (b) Parametric Cost Estimates used to develop costs (c) Percent Complete as of Jan 1999 (d) Date 35% Designed (e) Date Design Complete (f) Energy Study/Life-Cycle analysis was/will be performed  (2) Basis:  (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used -  (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House  (4) Construction Start  Apr 2000 (5) Construction Completion  * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations:  YES  FISCAL YEAR  EQUIPMENT  PROCURING APPROPRIATED  COST  NOMENCLATURE  APPROPRIATION OR REQUESTED  (\$000)   | 3. IN |   | AND LOCATION                           | (computer generated)   | *************************************** | 110099           |
| 5. PROJECT TITLE  COMPOSITE SUPPORT COMPLEX  2. SUPPLEMENTAL DATA:  a. Estimated Design Data:  (1) Status: (a) Date Design Started (b) Parametric Cost Estimates used to develop costs *(c) Percent Complete as of Jan 1999 35% *(d) Date 35% Designed Jun 1998 (e) Date Design Complete (f) Energy Study/Life-Cycle analysis was/will be performed YES  (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used -  (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House  (4) Construction Start  Apr 2000  * Indicates completion  f Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations:  FISCAL YEAR  EQUIPMENT  PROCURING APPROPRIATED  COST  NOMENCLATURE  APPROPRIATION OR REQUESTED  (\$000)  | 3. 11 | WITTE THE TOTAL                         | THE DOCTION                            |  |   |                  |
| 2. SUPPLEMENTAL DATA:  a. Estimated Design Data:  (1) Status: (a) Date Design Started (b) Parametric Cost Estimates used to develop costs *(c) Percent Complete as of Jan 1999  *(d) Date 35% Designed (e) Date Design Complete (e) Date Design Complete (f) Energy Study/Life-Cycle analysis was/will be performed  (2) Basis: (a) Standard or Definitive Design (b) Where Design Was Most Recently Used  (3) Total Cost (c) = (a) + (b) or (d) + (e): (3) Total Cost (c) = (a) + (b) or (d) + (e): (5) Total (6) Contract (6) In-House  (4) Construction Start  Apr 2000  * Indicates completion  * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations:  **YES**  **PS**  **Awar 1997  **Mar 1997  **Mar 1997  **Mar 1997  **Mar 1998  **Jun 1998  **Jun 1998  **Sass  **NO  **Sass  **NO  **Sass  **Construction Start  **Apr 2000  **Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations:  **YES**  **FISCAL YEAR  **EQUIPMENT**  **PROCURING**  **APPROPRIATED**  **COST*  **NOMENCLATURE**  **APPROPRIATION**  **ORE PROPENTIATED**  **COST*  **NOMENCLATURE**  **APPROPRIATION**  **ORE PROPENTIATED**  **COST*  **NOMENCLATURE**  **APPROPRIATION**  **ORE PROCUESTED**  **ORE PROPENTIATED**  **COST*  **NOMENCLATURE**  **APPROPRIATION**  **ORE PROPENTIATED**  **COST*  **NOMENCLATURE*  **APPROPRIATION**  **ORE PROPRIATED**  **COST*  **APPROPRIATED**  **COST*  **APPROPRIATED**  **COST*  **APPROPRIAT | SAV.  | ANNAH INTER                             | NATIONAL AIRPORT                       | r, georgia   |   |                  |
| a. Estimated Design Data:  (1) Status: (a) Date Design Started (b) Parametric Cost Estimates used to develop costs *(c) Percent Complete as of Jan 1999 35% *(d) Date 35% Designed Jun 1998 (e) Date Design Complete (f) Energy Study/Life-Cycle analysis was/will be performed YES  (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used -  (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House  (4) Construction Start  Apr 2000  * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations: YES  FISCAL YEAR  EQUIPMENT PROCURING APPROPRIATED COST NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)   | 5. PR | OJECT TITLE                             |  |  | 7. PRC                                  | JECT NUMBER      |
| a. Estimated Design Data:  (1) Status: (a) Date Design Started (b) Parametric Cost Estimates used to develop costs *(c) Percent Complete as of Jan 1999 35% *(d) Date 35% Designed Jun 1998 (e) Date Design Complete (f) Energy Study/Life-Cycle analysis was/will be performed YES  (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used -  (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House  (4) Construction Start  Apr 2000  * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations: YES  FISCAL YEAR  EQUIPMENT PROCURING APPROPRIATED COST NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)   | 601   | modume at the                           | DT COLUMN EV                           |  |   | VD011010577      |
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| a. Estimated Design Data:  (1) Status:  (a) Date Design Started (b) Parametric Cost Estimates used to develop costs * (c) Percent Complete as of Jan 1999 * (d) Date 35% Designed (e) Date Design Complete (f) Energy Study/Life-Cycle analysis was/will be performed  (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used -  (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House  (4) Construction Start  Apr 2000  (5) Construction Completion  * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations:  YES  FISCAL YEAR  EQUIPMENT PROCURING APPROPRIATED COST NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)   | 12    | CLIDDI EMEN                             | TAI DATA.                              |  |   |                  |
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| (1) Status:  (a) Date Design Started (b) Parametric Cost Estimates used to develop costs *(c) Percent Complete as of Jan 1999 35% *(d) Date 35% Designed (e) Date Design Complete Jun 1998 (f) Energy Study/Life-Cycle analysis was/will be performed YES  (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used -  (3) Total Cost (c) = (a) + (b) or (d) + (e): (3) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House  (4) Construction Start  Apr 2000  (5) Construction Completion  * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations: YES  FISCAL YEAR  EQUIPMENT PROCURING APPROPRIATED COST NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)  | a.    | Estimated Des                           | sign Data:                             |  |   |                  |
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| * (c) Percent Complete as of Jan 1999  * (d) Date 35% Designed  Date Design Complete  Date Design Corporation  (a) Energy Study/Life-Cycle analysis was/will be performed  YES  **Complete Complete Comp |       | ` '                                     | •                                      |  |   |                  |
| * (d) Date 35% Designed  |       |   |  |  |   |                  |
| (e) Date Design Complete (f) Energy Study/Life-Cycle analysis was/will be performed  YES  (2) Basis:  (a) Standard or Definitive Design - NO (b) Where Design Was Most Recently Used -  (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Production of Plans and Specifications 588 (b) All Other Design Costs 180 (c) Total 768 (d) Contract 768 (e) In-House  (4) Construction Start Apr 2000 (5) Construction Completion Jun 2001  * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations: YES  FISCAL YEAR  EQUIPMENT PROCURING APPROPRIATED COST NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)  |       |   |  | 1 1999   |   |                  |
| (f) Energy Study/Life-Cycle analysis was/will be performed  (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used -  (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House  (4) Construction Start  * Apr 2000  (5) Construction Completion  * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations:  * FISCAL YEAR  EQUIPMENT PROCURING APPROPRIATED COST NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)   |       |   |  |  |   |                  |
| (2) Basis:  (a) Standard or Definitive Design -  (b) Where Design Was Most Recently Used -  (3) Total Cost (c) = (a) + (b) or (d) + (e):  (a) Production of Plans and Specifications  (b) All Other Design Costs  (c) Total  (d) Contract  (e) In-House  (4) Construction Start  * Apr 2000  (5) Construction Completion  * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations:  YES  **FISCAL YEAR**  EQUIPMENT PROCURING APPROPRIATED COST NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)   |       |   |  |  |   |                  |
| (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used -  (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House  (4) Construction Start  Apr 2000  (5) Construction Completion  * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations:  * FISCAL YEAR  * EQUIPMENT PROCURING APPROPRIATED COST NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)  |       | (f) Energ                               | y Study/Life-Cycle a                   | nalysis was/will be perf   | formed                                  | YES              |
| (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used -  (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House  (4) Construction Start  Apr 2000  (5) Construction Completion  * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations:  * FISCAL YEAR  * EQUIPMENT PROCURING APPROPRIATED COST NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)  | l     | (a) To 1                                |  |  |   |                  |
| (b) Where Design Was Most Recently Used -  (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)  (a) Production of Plans and Specifications 588  (b) All Other Design Costs 180  (c) Total 768  (d) Contract 768  (e) In-House  (4) Construction Start Apr 2000  (5) Construction Completion Jun 2001  * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations: YES  FISCAL YEAR  EQUIPMENT PROCURING APPROPRIATED COST NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)   |       |   |  |  |   | NO               |
| (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House  (4) Construction Start  Apr 2000  (5) Construction Completion  * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations:  YES  **FISCAL YEAR** **EQUIPMENT** **PROCURING** **APPROPRIATED** **COST** **NOMENCLATURE** **APPROPRIATION** **OR REQUESTED** (\$000)   |       |   |  |  |   | NO               |
| (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House  (4) Construction Start  * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations:  * FISCAL YEAR  * EQUIPMENT PROCURING APPROPRIATED COST NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)   | 1     | (b) When                                | re Design Was Most i                   | Recently Usea -  |   |                  |
| (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House  (4) Construction Start  * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations:  * FISCAL YEAR  * EQUIPMENT PROCURING APPROPRIATED COST NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)   |       | (2) Total Cor                           | $a_{1}(a) = (a) + (b) \text{ or } (d)$ | ) + (e)·   |   | (\$000)          |
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| (c) Total 768 (d) Contract 768 (e) In-House  (4) Construction Start Apr 2000  (5) Construction Completion Jun 2001  * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations: YES  FISCAL YEAR  EQUIPMENT PROCURING APPROPRIATED COST NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)  |       |   |  | pecifications  |   |                  |
| (d) Contract (e) In-House  (4) Construction Start  Apr 2000  (5) Construction Completion  * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations:  YES  FISCAL YEAR  EQUIPMENT PROCURING APPROPRIATED COST NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)   |       |   |  |  |   | 768              |
| (e) In-House  (4) Construction Start Apr 2000  (5) Construction Completion Jun 2001  * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations: YES  EQUIPMENT PROCURING APPROPRIATED COST NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)  |       | ` '                                     |  |  |   | 768              |
| (4) Construction Start Apr 2000  (5) Construction Completion Jun 2001  * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations: YES  FISCAL YEAR  EQUIPMENT PROCURING APPROPRIATED COST NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)   |       |   |  |  |   |                  |
| (5) Construction Completion  * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations:  YES  FISCAL YEAR  EQUIPMENT PROCURING APPROPRIATED COST NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)  | 1     | (c) III-11                              | 0 <b>450</b>                           |  |   |                  |
| <ul> <li>(5) Construction Completion         <ul> <li>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.</li> </ul> </li> <li>b. Equipment associated with this project will be provided from other appropriations:         <ul> <li>YES</li> </ul> </li> <li>EQUIPMENT PROCURING APPROPRIATED COST NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)</li> </ul>   |       | (4) Construc                            | tion Start                             |  |   | Apr 2000         |
| * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations:  YES  FISCAL YEAR  EQUIPMENT PROCURING APPROPRIATED COST NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)   |       | (.)                                     |  |  |   | _                |
| is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations:  YES  FISCAL YEAR  EQUIPMENT PROCURING APPROPRIATED COST NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)  |       | (5) Construc                            | tion Completion                        |  |   | Jun 2001         |
| is comparable to traditional 35% design to ensure valid scope and cost and executability.  b. Equipment associated with this project will be provided from other appropriations:  YES  FISCAL YEAR  EQUIPMENT PROCURING APPROPRIATED COST NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)  |       | •                                       | -                                      |  |   |                  |
| b. Equipment associated with this project will be provided from other appropriations:  FISCAL YEAR  EQUIPMENT PROCURING APPROPRIATED COST  NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)   | 1     | * Indicat                               | es completion of Proj                  | ject Definition with Para  | ametric Cost Estimat                    | te which         |
| FISCAL YEAR  EQUIPMENT PROCURING APPROPRIATED COST  NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)  | :     | is compa                                | rable to traditional 35                | 5% design to ensure val  | id scope and cost and                   | d executability. |
| FISCAL YEAR  EQUIPMENT PROCURING APPROPRIATED COST  NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)  | 1.    | <b>-</b>                                |  |  | am athar anneanisti                     | ons: VEC         |
| EQUIPMENT PROCURING APPROPRIATED COST NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)  | b.    | . Equipment as                          | sociated with this pro                 | ect will be provided fro   | om omer appropriati                     | ons. I es        |
| EQUIPMENT PROCURING APPROPRIATED COST NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)  |       |   |  |  | FISCAL VEAR                             |                  |
| NOMENCLATURE APPROPRIATION OR REQUESTED (\$000)  |       | T.C                                     | N HDMENT                               | PROCIERING   |   | COST             |
| THOMADA COMMITTEE TO THE TENT OF THE TENT  | 1     |   |  |  |   |                  |
| Pre-wired Workstations 3840 2001 450   |       | INOM                                    | ENCLATURE                              | ALL ROLLIATION   |   | (\$000)          |
|  |       | Pre-v                                   | vired Workstations                     | 3840   | 2001                                    | 450              |
|  |       | 110-4                                   | INCO IT CINDIMICIO                     | 23.0   |   |                  |
|  |       |   |  |  |   |                  |
|  |       |   |  |  |   |                  |
|  |       |   |  |  |   |                  |

| 1. COMPONENT    |       |                     |               |        |          |         | 2.    | DATE        |
|-----------------|-------|---------------------|---------------|--------|----------|---------|-------|-------------|
|                 |       | FY 2000 MILITARY CO | NSTRUCTIO     | ON PRO | JECT DA  | ГА      | ļ     |             |
| ANG             |       | (comp               | uter generate | d)     |          |         | Ì     | 1 Feb 99    |
| 3. INSTALLATION | AND I | LOCATION            |               | 4. P   | ROJECT 7 | TITLE   |       |             |
| j               |       |                     |               |        |          |         |       |             |
| SAVANNAH INTER  | NATIO | ONAL AIRPORT, GEOR  | GIA           | REGIC  | NAL FIRI | ETRAINI | NG F  | ACILITY     |
| 5. PROGRAM ELEM | ENT   | 6. CATEGORY CODE    | 7. PROJEC     | T NUM  | IBER     | 8. PROJ |       | COST(\$000) |
|                 |       |                     |               |        |          | AUTH:   | \$1,  | 700         |
| 55256F          |       | 179-511             | XDC           | U9097  | 06       | APPRO   | P: \$ | 368         |
|                 |       | 9. COST             | ESTIMATE      | S      |          |         |       |             |
|                 |       |                     |               |        |          | UNI     | T     | COST        |
|                 |       | ITEM                |               | U/M    | QUANTIT  | Y COS   | T     | (\$000)     |
| REGIONAL FIRE T | RAIN  | ING FACILITY        |               | LS     |          |         |       | 1,300       |
| SUPPORTING FAC  |       |                     |               | 1      |          | -       |       | 230         |
| UTILITIES       |       |                     |               | LS     | l        |         |       | ( 85)       |
| PAVEMENTS       |       |                     |               | LS     |          |         |       | ( 40)       |
| SITE IMPROVE    | MENT  | S                   |               | LS     |          |         |       | ( 35)       |
| ACCESS ROAD     |       |                     |               | LS     |          | ļ       |       | ( 35)       |
| COMMUNICATI     | ONS S | SUPPORT             |               | LS     |          |         |       | ( 35)       |
| SUBTOTAL        |       |                     |               | Ì      |          | 1       |       | 1,530       |
| CONTINGENCY (5  | 5%)   |                     |               |        | Ì        | Ì       |       | <u>77</u>   |
| TOTAL CONTRAC   |       | ST                  |               | 1      |          |         |       | 1,607       |
| SUPERVISION, IN | SPEC7 | TION AND OVERHEAD   | (6%)          | 1      | ļ        |         |       | 96          |
| TOTAL REQUEST   |       |                     |               | Ī      |          |         |       | 1,703       |
| TOTAL REQUEST   | (ROU  | NDED)               |               | 1      |          |         |       | 1,700       |
|                 |       |                     |               | i      | Ì        |         |       |             |

10. Description of Proposed Construction: Live fire training facility with large frame aircraft mockup, polyethylene liner system, liquid propane gas (LPG) storage tank, piping, controls and ignition system, electric service, closed-loop water conservation system with storage tank. Lighting, access road, vehicle operating area, control room, fencing and all necessary support.

11. REQUIREMENT: As Required.

PROJECT: Regional Fire Training Facility (Current Mission).

REQUIREMENT: This is a Level I Environmental Compliance requirement. The Savannah Combat Readiness Training Center (CRTC) is an ANG-operated training base that serves as a regional training site for ground and air forces of the active and reserve components. The base requires a properly designed, correctly configured, and environmentally safe fire training facility to support units who deploy there for training. This facility would reduce air emissions, water pollution, and hazardous waste generation by centralizing fire training at a regional site. It will eliminate those individual unit fire training facilities not meeting Federal, State, and local air and water quality statutes and regulations. CURRENT SITUATION: The base does not have an environmentally approved fire training pit to accomplish hands-on training on live fires. There was a fire training pit on this installation that did not meet the environmental requirements and had to be shut down. Personnel must now accomplish essential fire training in a makeshift, simulated environment that does not satisfy training requirements. Total Force fire fighters cannot deploy to Savannah CRTC with their assigned PRIME BEEF teams for wartime training due to this shortcoming. The interim concept of operations is not to deploy the fire fighters to the Savannah CRTC, but train them at another regional center in conjunction with other deployments. This is the only one of the four ANG CRTCs without a functional fire training facility. IMPACT IF NOT PROVIDED: Fire fighters cannot be fully trained on their peacetime and wartime duties. Lack of training opportunities and higher operating costs would continue. Regional training facility would be more environmentally sound and cost effective.

<u>ADDITIONAL</u>: ANG has over 85 locations with a requirement to train fire fighters. By maximizing joint use of active Air Force and Air Force Reserve fire training facilities, the number of ANG sites can be drastically reduced to the four CRTCs and the three Home Stations Training Sites (HSTS). This CRTC and one HSTS remain to be accomplished.

| 1. COMPONENT          |   | 2. DATE               |
|-----------------------|---|-----------------------|
|                       | FY 2000 MILITARY CONSTRUCTION PROJECT DATA                    |                       |
| ANG 3. INSTALLATION   | (computer generated)  | 1 Feb 99              |
| 5. INSTALLATION       | AND LOCATION  |                       |
|                       | NATIONAL AIRPORT, GEORGIA                                     |                       |
| 5. PROJECT TITLE      | 7. Pl   | ROJECT NUMBER         |
| REGIONAL FIRE TR      | AINING FACILITY   | XDQU909706            |
| This project is fund  | led using advance appropriations. However, full authorization | is requested in the   |
| year of initial appro | opriation. The ANG plans to award this project using a single | construction contract |
| and requests advan    | ced appropriation for the remaining amount.                   |                       |
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| 1. COMPO  | NENT  |   | 2.                        | DATE   |
|-----------|---|---|---------------------------|--|
| AN        | G   | FY 2000 MILITARY CONSTRUCTION PROJECT DAT (computer generated)  | ΓΑ                        | 1 Feb 99   |
| 3. INSTAL | LATION  | AND LOCATION  |                           |  |
| SAVANNA   | H INTER   | NATIONAL AIRPORT, GEORGIA   |                           |  |
| 5. PROJEC | T TITLE   |   | 7. PROJECT                | NUMBER   |
| REGIONA   | L FIRE TE   | AINING FACILITY   | XDQ                       | U <b>90970</b> 6   |
|           |   | ITAL DATA:  |                           |  |
| a. Estir  | nated Des   | sign Data:  |                           |  |
| (2)       | (b) Para *(c) Perc *(d) Date (e) Date (f) Ener  Basis: (a) Star (b) Whe  Total Cos (a) Proc | ntract  | ,                         | Mar 1998 YES 35% Oct 1998 Jun 1999 NO  YES Ipena, MI (\$000) 94 34 128 128 |
| (4)       | Construc  | tion Start  |                           | May 2000   |
| (5)       | Construc  | tion Completion   |                           | Jan 2001   |
|           | * Indicat   | es completion of Project Definition with Parametric Cost I<br>parable to traditional 35% design to ensure valid scope and | Estimate what cost and ex | ich<br>cecutability.   |
| b. Equ    | ipment as   | sociated with this project will be provided from other appr   | opriations:               | N/A  |

Point of Contact: Mr. Steve Rider

(301) 836-8083

| 1. COMPONE<br>ANG  |   | ONSTRUCTION           | E              | 2. DA                                  | TE<br>1 Feb 99                   |
|--|---|-----------------------|----------------|--|----------------------------------|
|  | TION AND LOCATION   |                       |                | 4. AR                                  | EA CONSTR                        |
| BOISE AIR TE   | ERMINAL, IDAHO  |                       |                | co                                     | ST INDEX<br>1.06                 |
| 5. FREQUENC  | CY AND TYPE OF UTILIZATION  |                       |                |  |                                  |
| Four unit training and for training  | ng assemblies per month, 15 days annua  | ıl field training per | year, daily u  | ise by technicia                       | an/AGR force                     |
| and for daming   | <b>5.</b>   |                       |                |  |                                  |
|  |   |                       |                |  |                                  |
| 6. OTHER AC  | TIVE/GUARD/RESERVE INSTALLA   | TIONS WITHIN 1        | 5 MILES RA     | ADIUS                                  |                                  |
| None   |   |                       |                |  |                                  |
|  |   |                       |                |  |                                  |
|  |   |                       |                |  |                                  |
| 7 PROJECTS   | REQUESTED IN THIS PROGRAM: F  | TY 2000               |                |  |                                  |
| CATEGORY   | -   |                       | COST           | <b>DESIGN</b>                          |                                  |
| <u>CODE</u>  | PROJECT TITLE   | SCOPE                 | <u>\$(000)</u> | START                                  | <u>CMPL</u>                      |
| 116-661 A  | A-10 Expand Arm And Disarm Apron  | 8,445 SM              | 1,600          | Apr 98                                 | Jun 99                           |
|  | •   |                       |                |  |                                  |
|  |   |                       |                |  |                                  |
|  | SERVE FORCES FACILITIES BOARI   | O RECOMMEND           | ATION          | 14 Apr                                 | 98                               |
| Unilate  | ral Construction Approved   | D RECOMMEND           | ATION          | 14 Apr<br>(Date                        | )                                |
| Unilate  |   | O RECOMMEND           | ATION          |  | e                                |
| Unilate  9. LAND ACC   | ral Construction Approved   |                       | ATION          | (Date) Non                             | e<br>f Acres)                    |
| 9. LAND ACC  | eral Construction Approved  QUISITION REQUIRED  TS PLANNED IN NEXT FOUR YEARS   |                       | ATION          | (Date) Non (Number o                   | e<br>f Acres)                    |
| 9. LAND ACC  | eral Construction Approved  QUISITION REQUIRED  |                       | ATION          | (Date) Non                             | e<br>f Acres)                    |
| 9. LAND ACC<br>10. PROJECT<br>CATEGORY<br>CODE<br>211-179                              | eral Construction Approved  QUISITION REQUIRED  TS PLANNED IN NEXT FOUR YEARS  PROJECT TITLE  A-10 Fuel Cell/Corrosion Control Facili | 3                     | ATION          | (Date) Non (Number of) SCOPE  2,824 SM | COST<br>\$(000                   |
| 9. LAND ACC<br>10. PROJECT<br>CATEGORY<br>CODE<br>211-179<br>442-758                   | PROJECT TITLE  A-10 Fuel Cell/Corrosion Control Facili Add/Alter Base Supply Complex  | ty                    | ATION          | (Date) Non (Number of                  | COST<br>\$(000<br>2,300<br>3,000 |
| Unilate  9. LAND ACC  10. PROJECT CATEGORY CODE  211-179 442-758                       | eral Construction Approved  QUISITION REQUIRED  TS PLANNED IN NEXT FOUR YEARS  PROJECT TITLE  A-10 Fuel Cell/Corrosion Control Facili | ty                    | ATION          | Non (Number of SCOPE 2,824 SM 2,239 SM | COST<br>\$(000<br>2,300<br>3,000 |
| Unilate  9. LAND ACC  10. PROJECT CATEGORY CODE  211-179 442-758                       | PROJECT TITLE  A-10 Fuel Cell/Corrosion Control Facili Add/Alter Base Supply Complex  | ty                    | ATION          | Non (Number of SCOPE 2,824 SM 2,239 SM | COST<br>\$(000<br>2,300<br>3,000 |
| Unilate  9. LAND ACC  10. PROJECT CATEGORY CODE  211-179 442-758 171-450               | PROJECT TITLE  A-10 Fuel Cell/Corrosion Control Facili Add/Alter Base Supply Complex Replace Joint Medical Training Facility          | ty                    | ATION          | Non (Number of SCOPE 2,824 SM 2,239 SM | COST<br>\$(000<br>2,300<br>3,000 |
| Unilate  9. LAND ACC  10. PROJECT CATEGORY CODE  211-179 442-758 171-450               | PROJECT TITLE  A-10 Fuel Cell/Corrosion Control Facili Add/Alter Base Supply Complex  | ty                    | ATION          | Non (Number of SCOPE 2,824 SM 2,239 SM | COST<br>\$(000<br>2,300<br>3,000 |
| Unilate  9. LAND ACC  10. PROJECT CATEGORY CODE  211-179 442-758 171-450               | PROJECT TITLE  A-10 Fuel Cell/Corrosion Control Facili Add/Alter Base Supply Complex Replace Joint Medical Training Facility          | ty                    | ATION          | Non (Number of SCOPE 2,824 SM 2,239 SM | COST<br>\$(000<br>2,300<br>3,000 |
| 9. LAND ACC<br>10. PROJECT<br>CATEGORY<br><u>CODE</u><br>211-179<br>442-758<br>171-450 | PROJECT TITLE  A-10 Fuel Cell/Corrosion Control Facili Add/Alter Base Supply Complex Replace Joint Medical Training Facility          | ty                    | ATION          | Non (Number of SCOPE 2,824 SM 2,239 SM | e<br>f Acres)                    |
| 9. LAND ACC<br>10. PROJECT<br>CATEGORY<br><u>CODE</u><br>211-179<br>442-758<br>171-450 | PROJECT TITLE  A-10 Fuel Cell/Corrosion Control Facili Add/Alter Base Supply Complex Replace Joint Medical Training Facility          | ty                    | ATION          | Non (Number of SCOPE 2,824 SM 2,239 SM | COST<br>\$(000<br>2,300<br>3,000 |
| Unilate  9. LAND ACC  10. PROJECT CATEGORY CODE  211-179 442-758 171-450               | PROJECT TITLE  A-10 Fuel Cell/Corrosion Control Facili Add/Alter Base Supply Complex Replace Joint Medical Training Facility          | ty                    | ATION          | Non (Number of SCOPE 2,824 SM 2,239 SM | COST<br>\$(000<br>2,300<br>3,000 |
| Unilate  9. LAND ACC  10. PROJECT CATEGORY CODE  211-179 442-758 171-450               | PROJECT TITLE  A-10 Fuel Cell/Corrosion Control Facili Add/Alter Base Supply Complex Replace Joint Medical Training Facility          | ty                    | ATION          | Non (Number of SCOPE 2,824 SM 2,239 SM | COS'<br>\$(000<br>2,300<br>3,000 |
| 9. LAND ACC<br>10. PROJECT<br>CATEGORY<br><u>CODE</u><br>211-179<br>442-758<br>171-450 | PROJECT TITLE  A-10 Fuel Cell/Corrosion Control Facili Add/Alter Base Supply Complex Replace Joint Medical Training Facility          | ty                    | ATION          | Non (Number of SCOPE 2,824 SM 2,239 SM | COST<br>\$(000<br>2,300<br>3,000 |

| 1. COMPONENT | FY 2000 GUARD AND RESERVE | 2. DATE  |
|--------------|---------------------------|----------|
| ANG          | MILITARY CONSTRUCTION     | 1 Feb 99 |
|              | 3.7D Y 0.0 1.07.03.5      |          |

## BOISE AIR TERMINAL, IDAHO 11. PERSONNEL STRENGTH AS OF 03 Aug 98

|            | -            | PER            | MANENT          |                 | G     | UARD/RESE | ERVE     |
|------------|--------------|----------------|-----------------|-----------------|-------|-----------|----------|
|            | <u>TOTAL</u> | <u>OFFICER</u> | <b>ENLISTED</b> | <u>CIVILIAN</u> | TOTAL | OFFICER   | ENLISTED |
| AUTHORIZED | 479          | 37             | 442             | 0               | 1,233 | 149       | 1,084    |
| ACTUAL     | 469          | 41             | 428             | 0               | 1,113 | 130       | 983      |

#### 12. RESERVE UNIT DATA

|                                  |        | STRE       | NGTH   |
|----------------------------------|--------|------------|--------|
| UNIT DESIGNATION                 |        | AUTHORIZED | ACTUAL |
| 124 Aircraft Generation Squadron |        | 150        | 123    |
| 124 Aerial Port Flight           |        | 64         | 43     |
| 124 Civil Engineering Squadron   |        | 137        | 123    |
| 124 Communication Flight         |        | 52         | 49     |
| 124 Fighter Squadron             |        | 66         | 49     |
| 124 Logistics Group              |        | 24         | 22     |
| 124 Logistics Squadron           |        | 116        | 102    |
| 124 Logistics Support Group      |        | 37         | 32     |
| 124 Medical Squadron             |        | 57         | 55     |
| 124 Maintenance Squadron         |        | 248        | 222    |
| 124 Mission Support Flight       |        | 30         | 31     |
| 124 Operations Group             |        | 7          | 7      |
| 124 Operations Support Flight    |        | 34         | 29     |
| 124 Security Forces Squadron     |        | 58         | 58     |
| 124 Support Group                |        | 5          | 5      |
| 124 Services Flight              |        | 30         | 27     |
| 189 Fighter Flight               |        | 53         | 53     |
| 190 Fighter Squadron             |        | 37         | 35     |
| 8124 Student Flight              |        | 0          | 25     |
| HQ IDANG                         |        | 28         | 23     |
|                                  | TOTALS | 1,233      | 1,113  |

#### 13. MAJOR EQUIPMENT AND AIRCRAFT

| <u>TYPE</u>         | <u>AUTHORIZED</u> | <b>ASSIGNED</b> |
|---------------------|-------------------|-----------------|
| Vehicle Equivalents | 385               | 397             |
| Support Equipment   | 299               | 277             |
| C-130 Aircraft      | 4                 | 5               |
| A-10 Aircraft       | 15                | 17              |

| 1. COMPONENT     |        |                     |              |        |           |         | 2.       | DATE        |
|------------------|--------|---------------------|--------------|--------|-----------|---------|----------|-------------|
|                  |        | FY 2000 MILITARY CO |              |        | DJECT DAT | ΓΑ      |          |             |
| ANG              |        |                     | uter generat |        |           |         | <u> </u> | 1 Feb 99    |
| 3. INSTALLATION  | AND I  | LOCATION            |              | 4. F   | ROJECT T  | TITLE   |          |             |
|                  |        |                     |              | A-10 E | XPAND A   | RM AND  | DIS      | ARM         |
| BOISE AIR TERMIN | IAL, I | DAHO                |              | APRO   | N         |         |          |             |
| 5. PROGRAM ELEM  | ENT    | 6. CATEGORY CODE    | 7. PROJEC    | CT NUM | IBER      | 8. PROJ | ECT      | COST(\$000) |
|                  |        |                     |              |        |           | AUTH:   |          | 600 ` ´     |
| 52619F           |        | 116-661             | BX           | RH9596 | 49        | APPROF  |          | 350         |
|                  |        | 9. COST             | ESTIMATI     | ES     |           |         |          |             |
|                  |        |                     |              | T      |           | UNI     | T        | COST        |
|                  |        | ITEM                |              | U/M    | QUANTIT   |         |          | (\$000)     |
| EXPAND ARM AN    | D DIS  | ARM APRON           |              | SM     | 8,445     |         |          | 962         |
|                  |        | M APRON - WEST END  |              | SM     | 1,171     | 1       | 4        | ( 133)      |
|                  |        | M APRON - EAST END  |              | SM     | 7,274     | 11      | 4        | ( 829)      |
| SUPPORTING FAC   | ILITI  | ES                  |              | 1      |           | 1       |          | 490         |
| NEW PAVED SH     | IOULI  | DERS                |              | SM     | 6,689     | 4       | 4        | ( 294)      |
| EDGE LIGHTING    | G      |                     |              | LM     | 518       | 28      | 5        | ( 148)      |
| AIRFIELD MAR     | KING   | S                   |              | LS     |           |         |          | ( 10)       |
| ACCESS ROAD      |        |                     |              | LS     |           |         |          | ( 6)        |
| SITE IMPROVE     | MENT   | S                   |              | LS     |           |         |          | (32)        |
| SUBTOTAL         |        |                     |              | ł      | 1         |         |          | 1,452       |
| CONTINGENCY (5   | 5%)    |                     |              |        |           | - [     |          | 73          |
| TOTAL CONTRAC    |        |                     |              | İ      |           |         |          | 1,525       |
| SUPERVISION, IN  | SPECT  | TION AND OVERHEAD ( | (6%)         |        |           | 1       |          | 92          |
| TOTAL REQUEST    |        |                     |              |        |           |         |          | 1,617       |
| TOTAL REQUEST    | (ROU   | NDED)               |              |        |           |         |          | 1,600       |
|                  |        | •                   |              |        | <u> </u>  |         |          | <u> </u>    |

10. Description of Proposed Construction: Expand reinforced concrete apron and asphalt shoulders. Provide additional grounding points and aircraft position markings. Extend airfield lighting and restripe pavement.

11. REQUIREMENT: 18,478 SM ADEQUATE: 10,033 SM SUBSTANDARD: 0 SM PROJECT: A-10 Expand Arm and Disarm Apron (New Mission).

REQUIREMENT: This project supports the conversion from F-4G to A-10 aircraft. The base requires a properly sized and configured apron near each end of the runway to enable four aircraft to be armed and disarmed prior to departure or immediately upon return to the airfield. These aprons are also required for final check and inspection of aircraft systems before take-off. This mission essential project directly supports the operational mission and readiness training of the unit.

<u>CURRENT SITUATION</u>: The base is located on a commercial airport. Neither end of runway 10R/28L has a properly sized arm and disarm area. The A-10 aircraft are considerably larger than the previously assigned F-4G aircraft so only two fit on either of the existing aprons. There is an operational requirement to simultaneously arm or disarm four aircraft at the runway ends. At the present time, fully armed aircraft taxi past the commercial passenger terminal and parked civil aviation aircraft to be dearmed. This is dangerous given the proximity of the municipal airport and not in accordance with Air Force safety regulations.

IMPACT IF NOT PROVIDED: Operations continues to be performed without complying with prescribed safety regulations and procedures. Increased risk from a mishap causing harm/injury to civilian personnel and facilities. Unable to properly train air crews and reaching full operational capability is hampered.

This project is funded using advance appropriations. However, full authorization is requested in the year of initial appropriation. The ANG plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount.

Apron – West End:

1,171 SM = 1,400 SY

Apron – East End:

7,274 SM = 8,700 SY

| COMPONENT        |   | 2. DATE                              |
|------------------|---|--------------------------------------|
| _                | FY 2000 MILITARY CONSTRUCTION PROJECT DATA  |                                      |
| ANG              | (computer generated)  | 1 Feb 99                             |
| INSTALLATION .   | AND LOCATION  |                                      |
| OISE AIR TERMIN  | AL, IDAHO   |                                      |
| PROJECT TITLE    |   | 7. PROJECT NUMBER                    |
| -10 EXPAND ARM   | AND DISARM APRON  | BXRH959649                           |
| . SUPPLEMEN      | TAL DATA:   |                                      |
| a. Estimated Des | ign Data:   |                                      |
| (1) Status:      |   |                                      |
| (a) Date         | Design Started  | Apr 1998                             |
| ` '              | metric Cost Estimates used to develop costs   | NO                                   |
|                  | ent Complete as of Jan 1999   | 35%                                  |
|                  | 35% Designed  | Oct 1998                             |
|                  | Design Complete   | Jun 1999                             |
| (f) Ener         | gy Study/Life-Cycle analysis was/will be performed  | NO                                   |
| (2) Basis:       |   | 370                                  |
|                  | dard or Definitive Design -   | NO                                   |
| (b) Whe          | ere Design Was Most Recently Used -   |                                      |
| (3) Total Cos    | t(c) = (a) + (b)  or  (d) + (e):  | (\$000)                              |
| (a) Prod         | luction of Plans and Specifications   | 112                                  |
|                  | Other Design Costs  | 24                                   |
| (c) Tota         |   | 136                                  |
| (d) Con          | tract   | 136                                  |
| (e) In-H         | Iouse   |                                      |
| (4) Construc     | tion Start  | Apr 2000                             |
| (5) Construc     | tion Completion   | Nov 2000                             |
| * Indicate       | es completion of Project Definition with Parametric Cost E<br>parable to traditional 35% design to ensure valid scope and | stimate which cost and executability |
| 15 40111         |   | opriations: N/A                      |

Point of Contact: Mr. John Loehle (301) 836-8076

| 1. COMPONENT                            | EV 2000   | GUARD AND RESERVI                     | 3             | 12.5                       | ATE                   |
|---|---|---------------------------------------|---------------|----------------------------|-----------------------|
| ANG                                     |   | GUARD AND RESERVI<br>ARY CONSTRUCTION | 3             | 2. D                       | ATE<br>1 Feb 99       |
|   | ON AND LOCATION   |                                       | <del></del>   | 4. A                       | REA CONSTR            |
|   |   |                                       |               |                            | OST INDEX             |
| VOLK FIELD, W                           |   |                                       |               |                            | 1.15                  |
|   | AND TYPE OF UTILIZATION   |                                       |               |                            |                       |
|   | tional training of Air National   | Guard units, and other Re             | serve Compo   | nents' and A               | ctive Duty            |
| military units.                         |   |                                       |               |                            |                       |
|   |   |                                       |               |                            |                       |
|   |   |                                       |               |                            |                       |
|   |   |                                       |               |                            |                       |
|   | VE/GUARD/RESERVE INST   | ALLATIONS WITHIN 1                    | 5 MILES RA    | DIUS                       |                       |
| 1 Army National                         | Guard unit  |                                       |               |                            |                       |
| İ                                       |   |                                       |               |                            |                       |
|   |   |                                       |               |                            |                       |
|   |   |                                       |               |                            | :                     |
| 7 DDOTTOTO                              | EOUECTED DUTING DROOP   | ANG EV 2000                           |               |                            |                       |
| 7. PROJECTS R<br>CATEGORY               | EQUESTED IN THIS PROGR  | MIVI. FI ZUUU                         | COST          | DESIGN                     | STATUS                |
| CODE                                    | PROJECT TITLE   | SCOPE                                 | \$(000)       | -                          | CMPL                  |
| CODE                                    | TROJECT TITEL   | BCOLE                                 | <u>Φ(000)</u> | DIM                        | CIVIL                 |
| 725-517 Rei                             | place Troop Training Quarters   | 6,039 SM                              | 8,900         | Feb 98                     | Jun 99                |
| ;                                       | 27.1F   | ,                                     | ,             |                            |                       |
|   |   |                                       |               |                            |                       |
|   |   |                                       |               |                            |                       |
|   |   |                                       |               |                            |                       |
|   |   |                                       |               |                            |                       |
|   |   |                                       |               |                            |                       |
|   |   |                                       |               |                            |                       |
|   |   |                                       |               |                            |                       |
| O STATE DESI                            | DVE FORCES FACILITIES F   | OARD RECOMMENDA                       | ATION         |                            |                       |
|   | RVE FORCES FACILITIES F   | SOARD RECOMMENDA                      | ATION         | 06 Oct                     | 98                    |
|   | RVE FORCES FACILITIES F<br>Construction Approved                                | SOARD RECOMMENDA                      | ATION         | 06 Oct<br>(Date            |                       |
| Unilateral                              | Construction Approved   | BOARD RECOMMENDA                      | ATION         | 06 Oct<br>(Date<br>No      | e)                    |
| Unilateral                              |   | SOARD RECOMMENDA                      | ATION         | (Date                      | e)<br>ne              |
| Unilateral  9. LAND ACQU                | Construction Approved  JISITION REQUIRED  |                                       | ATION         | (Date                      | e)<br>ne              |
| 9. LAND ACQU                            | Construction Approved   |                                       | ATION         | (Date                      | e) ne of Acres)  COST |
| 9. LAND ACQU 10. PROJECTS CATEGORY      | Construction Approved  JISITION REQUIRED  PLANNED IN NEXT FOUR Y                |                                       | ATION         | (Date                      | e)<br>ne<br>of Acres) |
| 9. LAND ACQU                            | Construction Approved  JISITION REQUIRED  |                                       | ATION         | (Date<br>Not<br>(Number of | e) ne of Acres)  COST |
| 9. LAND ACQU 10. PROJECTS CATEGORY      | Construction Approved  JISITION REQUIRED  PLANNED IN NEXT FOUR Y                |                                       | ATION         | (Date<br>Not<br>(Number of | e) ne of Acres)  COST |
| 9. LAND ACQU 10. PROJECTS CATEGORY      | Construction Approved  JISITION REQUIRED  PLANNED IN NEXT FOUR Y                |                                       | ATION         | (Date<br>Not<br>(Number of | e) ne of Acres)  COST |
| 9. LAND ACQU 10. PROJECTS CATEGORY      | Construction Approved  JISITION REQUIRED  PLANNED IN NEXT FOUR Y                |                                       | ATION         | (Date<br>Not<br>(Number of | e) ne of Acres)  COST |
| 9. LAND ACQU 10. PROJECTS CATEGORY      | Construction Approved  JISITION REQUIRED  PLANNED IN NEXT FOUR Y                |                                       | ATION         | (Date<br>Not<br>(Number of | e) ne of Acres)  COST |
| 9. LAND ACQU 10. PROJECTS CATEGORY CODE | Construction Approved  JISITION REQUIRED  PLANNED IN NEXT FOUR Y                |                                       | ATION         | (Date<br>Not<br>(Number of | e) ne of Acres)  COST |
| 9. LAND ACQU 10. PROJECTS CATEGORY CODE | Construction Approved  JISITION REQUIRED  PLANNED IN NEXT FOUR Y  PROJECT TITLE |                                       | ATION         | (Date<br>Not<br>(Number of | e) ne of Acres)  COST |
| 9. LAND ACQU 10. PROJECTS CATEGORY CODE | Construction Approved  JISITION REQUIRED  PLANNED IN NEXT FOUR Y  PROJECT TITLE |                                       | ATION         | (Date<br>Not<br>(Number of | e) ne of Acres)  COST |
| 9. LAND ACQU 10. PROJECTS CATEGORY CODE | Construction Approved  JISITION REQUIRED  PLANNED IN NEXT FOUR Y  PROJECT TITLE |                                       | ATION         | (Date<br>Not<br>(Number of | e) ne of Acres)  COST |
| 9. LAND ACQU 10. PROJECTS CATEGORY CODE | Construction Approved  JISITION REQUIRED  PLANNED IN NEXT FOUR Y  PROJECT TITLE |                                       | ATION         | (Date<br>Not<br>(Number of | e) ne of Acres)  COST |
| 9. LAND ACQU 10. PROJECTS CATEGORY CODE | Construction Approved  JISITION REQUIRED  PLANNED IN NEXT FOUR Y  PROJECT TITLE |                                       | ATION         | (Date<br>Not<br>(Number of | e) ne of Acres)  COST |
| 9. LAND ACQU 10. PROJECTS CATEGORY CODE | Construction Approved  JISITION REQUIRED  PLANNED IN NEXT FOUR Y  PROJECT TITLE |                                       | ATION         | (Date<br>Not<br>(Number of | e) ne of Acres)  COST |
| 9. LAND ACQU 10. PROJECTS CATEGORY CODE | Construction Approved  JISITION REQUIRED  PLANNED IN NEXT FOUR Y  PROJECT TITLE |                                       | ATION         | (Date<br>Not<br>(Number of | e) ne of Acres)  COST |
| 9. LAND ACQU 10. PROJECTS CATEGORY CODE | Construction Approved  JISITION REQUIRED  PLANNED IN NEXT FOUR Y  PROJECT TITLE |                                       | ATION         | (Date<br>Not<br>(Number of | e) ne of Acres)  COST |
| 9. LAND ACQU 10. PROJECTS CATEGORY CODE | Construction Approved  JISITION REQUIRED  PLANNED IN NEXT FOUR Y  PROJECT TITLE |                                       | ATION         | (Date<br>Not<br>(Number of | e) ne of Acres)  COST |
| 9. LAND ACQU 10. PROJECTS CATEGORY CODE | Construction Approved  JISITION REQUIRED  PLANNED IN NEXT FOUR Y  PROJECT TITLE |                                       | ATION         | (Date<br>Not<br>(Number of | e) ne of Acres)  COST |
| 9. LAND ACQU 10. PROJECTS CATEGORY CODE | Construction Approved  JISITION REQUIRED  PLANNED IN NEXT FOUR Y  PROJECT TITLE |                                       | ATION         | (Date<br>Not<br>(Number of | e) ne of Acres)  COST |

| 1. COMPONENT                     | 1. COMPONENT FY 2000 GUARD AND RESERVE 2. DATE |  |              |            |                                       | ГЕ                      |                 |
|----------------------------------|--|--|--------------|------------|---------------------------------------|-------------------------|-----------------|
| ANG                              |  |  | MILITARY CON | ISTRUCTIO  | N                                     | 1                       | Feb 99          |
| 3. INSTALLATIO                   | ON AND LO                                      | <b>JCATION</b>                             |              |            |                                       |                         |                 |
| VOLK FIELD, WI                   |  |  | 4 Apr 97     |            | · · · · · · · · · · · · · · · · · · · |                         |                 |
| II. FERSONNEL                    | STREAM   | III AS OF U                                | 4 Apr 37     |            |                                       |                         |                 |
|                                  | TOTAL  |  | MANENT C     | יועון ואוי |                                       | UARD/RESER<br>OFFICER I |                 |
| AUTHORIZED                       | 142  | 19   | 121          | 2          | 249                                   | 27                      | 222             |
| ACTUAL                           | 113  | 16   | 95           | 2          | 230                                   | 23                      | 207             |
| 12. RESERVE U                    | NIT DATA                                       | A.B. 11 - 21 - 11 - 12 - 12 - 12 - 12 - 12 |              |            |                                       |                         |                 |
|                                  |  |  |              |            | S                                     | STRENGTH_               |                 |
|                                  | SIGNATIO                                       |  |              |            | <b>AUTHORIZE</b>                      | D ACT                   | <u>rual</u>     |
| 128 Air C<br>VOLK C              | Control Squ                                    | adron                                      |              |            | 131<br>118                            |                         | 25<br><u>05</u> |
| VOLK C                           | RIC  |  | TOTALS       |            | 249                                   |                         | <del>30</del>   |
| l                                |  |  |              |            |                                       |                         |                 |
|                                  |  |  |              |            |                                       |                         |                 |
|                                  |  |  |              |            |                                       |                         | ,               |
|                                  |  |  |              |            |                                       |                         |                 |
|                                  |  |  |              |            |                                       |                         |                 |
|                                  |  |  |              |            |                                       |                         |                 |
|                                  |  |  |              |            |                                       |                         |                 |
|                                  |  |  |              |            |                                       |                         |                 |
|                                  |  |  |              |            |                                       |                         |                 |
|                                  |  |  |              |            |                                       |                         |                 |
|                                  |  |  |              |            |                                       |                         |                 |
|                                  |  |  |              |            |                                       |                         |                 |
|                                  |  |  |              |            |                                       |                         |                 |
|                                  |  |  |              |            |                                       |                         |                 |
|                                  |  |  |              |            |                                       |                         |                 |
|                                  |  |  |              |            |                                       |                         |                 |
|                                  |  |  |              |            |                                       |                         |                 |
|                                  |  |  |              |            |                                       |                         |                 |
| 13. MAJOR EQUIPMENT AND AIRCRAFT |  |  |              |            |                                       |                         |                 |
|                                  | TYPE   |  |              | AUT        | HORIZED                               | ASSIGNED                | <u>)</u>        |
| Vehicle Equivale                 | nts  |  |              | -          | 792                                   | 775                     |                 |
| Support Equipme                  | ent  |  |              |            | 416                                   | 296                     |                 |
|                                  |  |  |              |            |                                       |                         |                 |
|                                  |  |  |              |            |                                       |                         |                 |
|                                  |  |  |              |            |                                       |                         |                 |
|                                  |  |  |              |            |                                       |                         |                 |
|                                  |  |  |              |            |                                       |                         |                 |

| 1. COMPONENT                              |             |                     |               |        |          |         | 2.     | DATE                |
|---|-------------|---------------------|---------------|--------|----------|---------|--------|---------------------|
|   |             | FY 2000 MILITARY CO |               |        | DJECT DA | ГА      |        |                     |
| ANG                                       |             |                     | uter generate |        |          |         |        | 1 Feb 99            |
| 3. INSTALLATION                           | AND I       | LOCATION            |               | 4. P   | ROJECT 1 | TITLE   |        |                     |
|   |             |                     |               |        |          |         |        |                     |
| VOLK FIELD, WISC                          | ONSI        |                     |               |        |          | P TRAII | VING   | QUARTERS            |
| 5. PROGRAM ELEM                           | ENT         | 6. CATEGORY CODE    | 7. PROJEC     | T NUM  | IBER     | 8. PRO  |        | COST(\$000)         |
|   |             |                     |               |        |          | AUTH:   |        | ,900                |
| 55296F                                    |             | 725-517             | YAG           | QF9595 | 48       | APPRO   | P: \$1 | ,923                |
|   |             | 9. COST             | ESTIMATE      | ES     |          |         |        |                     |
|   |             | · .                 |               | T      |          | UN      | IT     | COST                |
|   |             | ITEM                |               | U/M    | QUANTIT  | Y CO    | ST     | (\$000)             |
| REPLACE TROOP                             | ran         | NING QUARTERS       |               | SM     | 6,039    |         |        | 6,950               |
| TROOP TRAININ                             |             |                     |               | SM     | 5,574    | 1,1     | 30     | ( 6,300)            |
| ASSEMBLY HAI                              | L AR        | EA                  |               | SM     | 465      | 1,5     | 61     | ( 650)              |
| SUPPORTING FAC                            | ILITII      | ES                  |               |        |          |         |        | 1,055               |
| UTILITIES                                 |             |                     |               | LS     |          |         |        | ( 185)              |
| PAVEMENTS                                 |             |                     |               | LS     |          |         |        | ( 280)              |
| SITE IMPROVEN                             | <b>MENT</b> | S                   |               | LS     |          |         |        | ( 150)              |
| FIRE PROTECTION                           |             |                     |               | LS     | İ        | İ       |        | ( 175)              |
| DEMOLITION/A                              |             |                     |               | LS     |          |         |        | ( 180)              |
| COMMUNICATI                               | ONS S       | SUPPORT             |               | LS     |          |         |        | (_85)               |
| SUBTOTAL                                  |             |                     |               | 1      |          |         |        | 8,005               |
| CONTINGENCY (5%)                          |             |                     |               |        | ļ        |         |        | 400                 |
| TOTAL CONTRACT COST                       |             |                     |               | İ      |          |         |        | 8,405               |
| SUPERVISION, INSPECTION AND OVERHEAD (6%) |             |                     |               | 1      | 1        |         |        | <u>506</u><br>8,911 |
| TOTAL REQUEST TOTAL REQUEST (ROUNDED)     |             |                     |               |        |          |         |        | 8,900               |
|   |             |                     | AIONI ADD     |        | Ì        | 1       |        | ( 320)              |
| EQUIPMENT FROM                            | M O I       | HER APPROPRIATIONS  | (NON-ADD      | 기      | 1        | -       |        | (320)               |
|   |             |                     |               | L      | I        |         |        | 1                   |

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, steel-framed structure utilizing masonry walls, and roof system. Interior walls, and mechanical, electrical and fire protection systems. Exterior utilities, pavements, site improvements, fire protection, and support. Demolish buildings and landscape site.

Air Conditioning: 263 KW

11. REQUIREMENT: 1,000 PN ADEQUATE: 760 PN SUBSTANDARD: 88 PN PROJECT: Replace Troop Training Quarters (Current Mission).

REQUIREMENT: The Volk Field Combat Readiness Training Center (CRTC) is operated by the ANG and serves as a regional training base for the Total Force. Its air-to-ground range with Air Combat Maneuverability Instrumentation (ACMI) attracts active and reserve component units from all services. Volk Field supports the largest ANG readiness training program with 8,400 personnel deployed annually. Additionally, the CRTC supports 500-750 personnel as part of Air Combat Command and Air Mobility Command Operational Readiness Inspections each year. Adequate sleeping accommodations and an assembly hall are required for deployed personnel. This project eliminates the 152-PN shortage of troop quarters and replaces eight 11-person substandard troop quarters (88 PN). It also replaces deteriorated and undersized assembly hall with one providing space for 300 persons. CURRENT SITUATION: The troop quarters are block and frame structures built in the early 1950s and are substandard in terms of construction, functionality, energy efficiency, safety and space. The rooms are open-bay, lack fire protection, and contain numerous health and safety violations. Lounge and storage areas are practically non-existent. Latrines and showers are antiquated, gang-configured, and undersized. The plumbing fixtures are old, rusted, unsanitary, and require frequent maintenance. The accommodations do not meet the most minimal quality of life standards. The base is in a remote part of the state, so off-base accommodations are limited and detract from the wartime team training concept. The assembly hall is located in an old wood theater which is grossly undersized. It was constructed as a temporary structure in the early 1950s. It does not have any fire protection and violates

| 1. COMPONENT   |  | 2. DATE  |  |  |  |
|--|--|----------|--|--|--|
|  | FY 2000 MILITARY CONSTRUCTION PROJECT DA | TA       |  |  |  |
| ANG  | (computer generated)                     | 1 Feb 99 |  |  |  |
| 3. INSTALLATION  | AND LOCATION                             |          |  |  |  |
|  |  |          |  |  |  |
| VOLK FIELD, WISC   | ONSIN                                    |          |  |  |  |
| 5. PROJECT TITLE   | 7. PROJECT NUMBER                        |          |  |  |  |
|  |  |          |  |  |  |
| REPLACE TROOP TRAINING QUARTERS YAQF959548   |  |          |  |  |  |
| numerous other federal and state codes. The utility systems are old and undersized requiring extensive |  |          |  |  |  |

numerous other federal and state codes. The utility systems are old and undersized requiring extensive upgrade or replacement.

IMPACT IF NOT PROVIDED: Unable to provide proper sleeping accommodations for deploying personnel. Continued dissatisfaction and decline in morale resulting in degraded operational training. Units' ability to develop wartime readiness and improve proficiency is adversely affected. Split briefings increase scheduling conflicts for units. Inefficient processing of units, loss of quality training, and poor command and control of units continue. Establishing quality living space for deploying personnel cannot be met. Higher operating costs.

<u>ADDITIONAL</u>: Upon completion of this project, buildings 118, 119, 120, 121, 122, 123, 124, 133, and 502 for a total of 1,693 SM will be demolished. An economic analysis has been prepared comparing the alternatives of new construction, add/alter and status quo operation. Based on the net present values and benefits of the respective alternatives, a new addition was found to be the most cost efficient over the life of the project.

This project is funded using advance appropriations. However, full authorization is requested in the year of initial appropriation. The ANG plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount.

Troop Training Quarters:

5,574 SM = 60,000 SF

Assembly Hall:

465 SM = 5,000 SF

| 1. COMPONENT 2. DATE         |                               |                            |                       |                    |  |  |  |  |
|------------------------------|-------------------------------|----------------------------|-----------------------|--------------------|--|--|--|--|
| 1. COMI ONDINI               | FY 2000 MILIT                 | ARY CONSTRUCTION I         | PROJECT DATA          |                    |  |  |  |  |
| ANG                          | ANDLOGATION                   | (computer generated)       |                       | 1 Feb 99           |  |  |  |  |
| 3. INSTALLATION AND LOCATION |                               |                            |                       |                    |  |  |  |  |
|                              | VOLK FIELD, WISCONSIN         |                            |                       |                    |  |  |  |  |
| 5. PROJECT TITLE             |                               |                            | 7. PRC                | DJECT NUMBER       |  |  |  |  |
| REPLACE TROOP T              | RAINING QUARTER               | S                          |                       | YAQF959548         |  |  |  |  |
|                              |                               |                            |                       |                    |  |  |  |  |
| 12. SUPPLEMEN                | ITAL DATA:                    |                            |                       |                    |  |  |  |  |
| a Estimated Day              | oian Doto:                    |                            |                       |                    |  |  |  |  |
| a. Estimated Des             | sigii Data.                   |                            |                       |                    |  |  |  |  |
| (1) Status:                  |                               |                            |                       |                    |  |  |  |  |
|                              | Design Started                |                            |                       | Feb 1998           |  |  |  |  |
|                              |                               | es used to develop costs   |                       | NO                 |  |  |  |  |
|                              | ent Complete as of Ja         | an 1999                    |                       | 35%                |  |  |  |  |
|                              | e 35% Designed                |                            |                       | Oct 1998           |  |  |  |  |
|                              | e Design Complete             |                            |                       | Jun 1999           |  |  |  |  |
| (f) Ener                     | rgy Study/Life-Cycle          | analysis was/will be pe    | rformed               | YES                |  |  |  |  |
| (2) Basis:                   |                               |                            |                       |                    |  |  |  |  |
|                              | ndard or Definitive De        | esign -                    |                       | YES                |  |  |  |  |
|                              | ere Design Was Most           |                            |                       | Gulfport, MS       |  |  |  |  |
| (3) Total Cos                | st $(c) = (a) + (b)$ or $(d)$ | ) + (e)·                   |                       | (\$000)            |  |  |  |  |
| (3) Total Cos                | duction of Plans and          | Specifications             |                       | 457                |  |  |  |  |
|                              | Other Design Costs            | Specifications             |                       | 182                |  |  |  |  |
| · · ·                        | -                             |                            |                       | 639                |  |  |  |  |
| (c) Tota                     |                               |                            |                       | 639                |  |  |  |  |
| (d) Cor                      |                               |                            |                       | 037                |  |  |  |  |
| (e) In-H                     | louse                         |                            |                       |                    |  |  |  |  |
| (4) Construc                 | tion Start                    |                            |                       | May 2000           |  |  |  |  |
| (5) Construc                 | tion Completion               |                            |                       | Jul 2001           |  |  |  |  |
| * Indicat                    | es completion of Pro          | ject Definition with Para  | ametric Cost Estima   | te which           |  |  |  |  |
| is com                       | parable to traditional        | 35% design to ensure v     | alid scope and cost a | and executability. |  |  |  |  |
| b. Equipment as              | sociated with this pro        | eject will be provided fro | om other appropriati  | ons: YES           |  |  |  |  |
|                              |                               |                            | FISCAL YEAR           |                    |  |  |  |  |
| EOUT                         | OMENIT                        | PROCURING                  | APPROPRIATED          | COST               |  |  |  |  |
| -                            | PMENT                         | APPROPRIATION              | OR REQUESTED          |                    |  |  |  |  |
| NOMENO                       | CLATURE                       | AFTRUTKIATION              | OK KEQUESTED          | , (ψοσο)           |  |  |  |  |
| Pre-wired                    | d Workstations                | 3840                       | 2001                  | 320                |  |  |  |  |
|                              |                               |                            |                       |                    |  |  |  |  |
| 1                            |                               |                            |                       |                    |  |  |  |  |
| 1                            |                               |                            |                       |                    |  |  |  |  |

Point of Contact: Mr. John Loehle (301) 836-8076

| 1. COMPONENT   | FY 2000 GUARD AND RESERVE    | 2. DATE  |  |  |  |
|--|------------------------------|----------|--|--|--|
| ANG  | MILITARY CONSTRUCTION        | 1 Feb 99 |  |  |  |
| 3. INSTALLATION AND                                      | 4. AREA CONSTR<br>COST INDEX |          |  |  |  |
| LUIS MUNOZ-MARIN INTERNATIONAL AIRPORT, PUERTO RICO 1.16 |                              |          |  |  |  |
| 5. FREQUENCY AND T                                       | YPE OF UTILIZATION           |          |  |  |  |

Four unit training assemblies per month, 15 days annual field training per year, daily use by technician/AGR force, and for training.

### 6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS

1 Air National Guard Unit, 1 Active Army Unit, 3 Army National Guard Units, 3 Army Reserve Units and 2 Naval Units.

|          |                 | QUESTED IN THIS PROGRA               | AM: FY 2000    |                |        |             |  |
|----------|-----------------|--------------------------------------|----------------|----------------|--------|-------------|--|
|          | EGORY           |                                      |                | COST           |        | STATUS      |  |
| <u>C</u> | <u>ODE</u>      | PROJECT TITLE                        | <u>SCOPE</u>   | <u>\$(000)</u> | START  | <u>CMPL</u> |  |
| 211-1    | 79 C-130<br>Har | Fuel Cell/Corrosion Control          | 2,601 SM       | 5,600          | Mar 98 | Sep 99      |  |
| 211-1    |                 | Upgrade Aircraft Maintenar           | nce 5,435 SM   | 3,800          | Mar 98 | Sep 99      |  |
| 113-3    |                 | ngar<br>) Add To Aircraft Parking Ap | oron 14,214 SM | 2,250          | Mar 98 | Sep 99      |  |

| 8. STA | TE RESERVE FORCES FACILITIES BOARD RECOMMENDATION |           |
|--------|---|-----------|
|        | Unilateral Construction Approved                  | 17 Jul 98 |
|        |   | (Date)    |

9. LAND ACQUISITION REQUIRED None (Number of Acres)

### 10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY

CODE PROJECT TITLE

COST
SCOPE
\$(000)

BMAR: \$4,060,000

| 1. COMPONENT | FY 2000 GUARD AND RESERVE | 2. DATE  |
|--------------|---------------------------|----------|
| ANG          | MILITARY CONSTRUCTION     | 1 Feb 99 |

### 3. INSTALLATION AND LOCATION

### LUIS MUNOZ-MARIN INTERNATIONAL AIRPORT, PUERTO RICO

### 11. PERSONNEL STRENGTH AS OF 31 Jul 98

|            | PERMANENT |                |                 |                 | GI    | GUARD/RESERVE  |                 |  |
|------------|-----------|----------------|-----------------|-----------------|-------|----------------|-----------------|--|
|            | TOTAL     | <b>OFFICER</b> | <b>ENLISTED</b> | <b>CIVILIAN</b> | TOTAL | <b>OFFICER</b> | <b>ENLISTED</b> |  |
| AUTHORIZED | 299       | 28             | 271             | 0               | 948   | 120            | 828             |  |
| ACTUAL     | 194       | 16             | 178             | 0               | 954   | 89             | 865             |  |

### 12. RESERVE UNIT DATA

|                                  | STRE              | STRENGTH      |  |  |
|----------------------------------|-------------------|---------------|--|--|
| UNIT DESIGNATION                 | <b>AUTHORIZED</b> | <u>ACTUAL</u> |  |  |
| 156 Aircraft Generation Squadron | 63                | 146           |  |  |
| 156 Aerial Port Flight           | 64                | 0             |  |  |
| 156 Airlift Wing                 | 57                | 55            |  |  |
| 156 Civil Engineering Squadron   | 137               | 122           |  |  |
| 156 Communication Flight         | 52                | 51            |  |  |
| 156 Logistics Group              | 10                | 16            |  |  |
| 156 Logistics Squadron           | 112               | 111           |  |  |
| 156 Logistics Support Flight     | 13                | 27            |  |  |
| 156 Medical Squadron             | 59                | 63            |  |  |
| 156 Maintenance Squadron         | 138               | 173           |  |  |
| 156 Mission Support Flight       | 30                | 29            |  |  |
| 156 Operations Group             | 6                 | 3             |  |  |
| 156 Operations Support Flight    | 19                | 24            |  |  |
| 156 Security Forces Squadron     | 58                | 59            |  |  |
| 156 Support Group                | 5                 | 4             |  |  |
| 156 Services Flight              | 30                | 27            |  |  |
| 198 Airlift Squadron             | <u>95</u>         | 44            |  |  |
| TOTALS                           | 948               | 954           |  |  |

### 13. MAJOR EQUIPMENT AND AIRCRAFT

| TYPE                | <u>AUTHORIZED</u> | <u>ASSIGNED</u> |
|---------------------|-------------------|-----------------|
| Vehicle Equivalents | 374               | 321             |
| Support Equipment   | 167               | 119             |
| C-26 (DI)Aircraft   | 1                 | 1               |
| C-130E Aircraft     | 8                 | 1               |

| 1. COMPONENT  |        |                     |              |        |          |         | 2. ]   | DATE         |
|---|--------|---------------------|--------------|--------|----------|---------|--------|--------------|
|   |        | FY 2000 MILITARY CO | NSTRUCTI     | ON PRO | JECT DA  | ГΑ      |        |              |
| ANG   |        | (comp               | uter generat | ed)    |          |         |        | 1 Feb 99     |
| 3. INSTALLATION   | AND :  | LOCATION            |              | 4. P   | ROJECT T | TITLE   |        |              |
| LUIS MUNOZ-MAR  | IN IN  | TERNATIONAL AIRPOR  | Т,           | C-130  | FUEL CEL | L AND C | ORR    | ROSION       |
| PUERTO RICO   |        |                     |              | CONT   | ROL FACI | LITY    |        |              |
| 5. PROGRAM ELEM   | ENT    | 6. CATEGORY CODE    | 7. PROJEC    | CT NUM | BER      | 8. PROJ | ECT (  | COST(\$000)  |
|   |        |                     |              |        |          | AUTH:   | \$5    | ,600         |
| 54332F  |        | 211-179             | TU           | MR9890 | 03       | APPROF  | P: \$1 | ,212         |
|   |        | 9. COST             | ESTIMAT      | ES     |          |         |        |              |
| ****  |        |                     |              |        |          | UNI     | T      | COST         |
|   |        | ITEM                |              | U/M    | QUANTITY | Y COS   | T      | (\$000)      |
| FUEL SYSTEMS/C  | ORRO   | SION CONTROL FACIL  | ITY          | SM     | 2,601    |         |        | 4,267        |
| FUEL SYSTEMS  | MAIN   | ITENANCE HANGAR AI  | REA          | SM     | 2,155    |         |        | ( 3,595)     |
|   |        | ITENANCE SHOP AREA  |              | SM     | 158      | ,       |        | ( 238)       |
| CORROSION CO  | NTRO   | L SHOP AREA         |              | SM     | 139      |         |        | ( 209)       |
| PLASTIC MEDIA   |        |                     |              | SM     | 149      | 1,50    | 7      | ( 225)       |
| SUPPORTING FAC  | ILITII | ES                  |              |        |          |         |        | 770          |
| UTILITIES   |        |                     |              | LS     |          |         |        | ( 195)       |
| PAVEMENTS   |        |                     |              | LS     | <u> </u> |         |        | ( 230)       |
| SITE IMPROVEN   |        | S                   |              | LS     |          |         |        | ( 50)        |
| FIRE PROTECTI   |        |                     |              | LS     |          | Ì       |        | ( 225)       |
| COMMUNICATIONS SUPPORT  |        |                     |              | LS     |          |         |        | ( 60)        |
| SUBTOTAL  |        |                     |              | İ      |          |         |        | 5,037        |
| CONTINGENCY (5%)  |        |                     |              |        |          |         |        | <u>252</u>   |
| TOTAL CONTRACT COST  SUPERVISION INSPECTION AND OVERHEAD (6%) |        |                     |              |        |          |         |        | 5,289<br>319 |
| SUPERVISION, INSPECTION AND OVERHEAD (6%)                     |        |                     |              | Ì      |          |         |        | 5,608        |
| TOTAL REQUEST   |        | NDED)               |              |        |          | 1       |        | 5,600        |
| TOTAL REQUEST   | (KUU   | NDED)               |              |        | ļ        |         |        | ] 3,000      |
|   |        |                     |              | 1      |          | 1       |        | 1            |

10. Description of Proposed Construction: Concrete floor slab, foundations, footings, structural steel framing, masonry walls and standing seam metal roof. Mechanical ventilation system, drainage with oil/water separator, fire suppression (overhead wet pipe and underwing AFFF), personnel breathing apparatus, fall protection system, and all utilities and support.

Air Conditioning: 35 KW

11. REQUIREMENT: 2,601 SM ADEQUATE: 0 SM SUBSTANDARD: 1,700 SM PROJECT: C- 130 Fuel Cell and Corrosion Control Facility (New Mission).

REQUIREMENT: This project supports the conversion from 15 F-16 to 8 C-130 aircraft. The base needs a facility for the repair of aircraft fuel cells and bladders and space for the performance of corrosion control, washing, and spot painting of parts. Functional areas include fuel cell hangar bay, blue foam storage, bladder repair, support shops, and approach aprons to the hangar. Work must be performed indoors to keep dust and debris from entering the fuel cell bladders and to meet safety and environmental requirements.

<u>CURRENT SITUATION</u>: Due to significantly different space requirements, the F-16 fuel cell and corrosion control facilities cannot be used by the C-130 aircraft. The unit does not have any other facility to house these functions. Weather conditions and environmental regulations require that fuel cell maintenance be performed indoors since the aircraft fuel bladders and cells must remain open in accordance with Technical Orders. Until this project is completed, the work will be done on the ramp or the aircraft flown to another base. The new facility can only be built in an area that requires a fair amount of site improvements.

IMPACT IF NOT PROVIDED: Fuel system maintenance and corrosion control will have to be performed on the ramp in an unsafe manner and in violation of Technical Orders. Lost training opportunities. Compliance with environmental regulations cannot be met without this facility. Unable to reach full operational capability.

| 1. COMPONENT  |  |   |   |  | 2. DATE                                 |
|---|--|---|---|--|---|
| 4370  | FY 2000 MILIT  |   | JCTION PROJECT  | DATA                                   | 171.00                                  |
| ANG 3. INSTALLATION   | AND LOCATION   | (computer ge  | nerated)  |  | 1 Feb 99                                |
| J. INSTALLATION   | AND LOCATION   |   |   |  |   |
| LUIS MUNOZ-MARI   | N INTERNATIONAL  | AIRPORT, PU   | ERTO RICO   |  |   |
| 5. PROJECT TITLE  |  |   |   | 7. PRO.                                | ECT NUMBER                              |
|   | ND CORROSION CO  |   |   |  | UMR989003                               |
| will be converted to F-16 corrosion cont options were consider mission requirement.  This project is fund | ne space in Building a Fire Crash/Rescue rol function (650 SM lered during the devents; therefore, no econed using advance appears | e Station. The I) will be used lopment of thin nomic analysis propriations. I | space in Building I<br>by the counterdrug<br>s project. No other<br>was required.  Iowever, full author | 19 currently 3 operation. 5 option cou | utilized for the All known Ild meet the |
|   | opriation. The ANG ced appropriation for   |   |   | a single con                           | struction contract                      |
| Fuel Systems Main<br>Fuel Systems Main<br>Corrosion Control S<br>Plastic Media Strip                      | tenance Shop:<br>Shop:   | 2,155 SM =<br>158 SM =<br>139 SM =<br>149 SM =                                | 1,700 SF<br>1,500 SF  |  |   |
|   |  |   |   |  |   |
|   |  |   |   |  |   |
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|   |  |   |   |  |   |

| . COMPONENT   | FY 2000 MILITARY CONSTRUCTION PROJECT DATA   | 2. DATE                            |
|---|--|------------------------------------|
| ANG   | (computer generated)   | 1 Feb 99                           |
| B. INSTALLATION   | AND LOCATION   |                                    |
| LUIS MUNOZ-MAR  | IN INTERNATIONAL AIRPORT, PUERTO RICO  |                                    |
| 5. PROJECT TITLE  |  | PROJECT NUMBER                     |
| C-130 FUEL CELL A   | ND CORROSION CONTROL FACILITY  | TUMR989003                         |
|   |  |                                    |
| 2. SUPPLEMEN  | ITAL DATA:   |                                    |
| a. Estimated Des  | zion Data:   |                                    |
| a. Estimated Dec  |  |                                    |
| (1) Status:   | Daving Otantal   | Mar 1998                           |
|   | Design Started metric Cost Estimates used to develop costs   | YES                                |
| ( )   | ent Complete as of Jan 1999  | 35%                                |
|   | 2 35% Designed   | Nov 1998                           |
|   | e Design Complete  | Sep 1999                           |
|   | gy Study/Life-Cycle analysis was/will be performed   | YES                                |
| (2) Basis:  |  |                                    |
|   | dard or Definitive Design -  | YES                                |
|   | ere Design Was Most Recently Used -  | Boise, ID                          |
| (3) Total Cos   | st(c) = (a) + (b) or (d) + (e):  | (\$000)                            |
| (a) Proc  | duction of Plans and Specifications  | 265                                |
|   | Other Design Costs   | 112                                |
| (c) Tota  |  | 377                                |
| (d) Cor   |  | 377                                |
| (e) In-H  |  |                                    |
| (4) Construc  | tion Start   | May 2000                           |
| (5) Construc  | tion Completion  | Aug 2001                           |
| * Indicate is compared to the | es completion of Project Definition with Parametric Cost Es<br>parable to traditional 35% design to ensure valid scope and c | timate which ost and executability |
|   | sociated with this project will be provided from other approp  | oriations: N/A                     |

Point of Contact: Mr. John Loehle (301) 836-8076

|                     |                     |               |                | ·              |          |     |              |
|---------------------|---------------------|---------------|----------------|----------------|----------|-----|--------------|
| 1. COMPONENT        |                     |               |                |                |          | 2.  | DATE         |
|                     | FY 2000 MILITARY CO | NSTRUCTION    | ON PRO         | DJECT DA'      | ГА       |     |              |
| ANG                 |                     | uter generate | ed)            |                |          |     | 1 Feb 99     |
| 3. INSTALLATION AND |                     |               | 4. F           | ROJECT 7       | TTLE     |     |              |
| LUIS MUNOZ-MARIN IN | TERNATIONAL AIRPOR  | Т,            | C-130          | UPGRADE        | AIRCRA   | FT  |              |
| PUERTO RICO         |                     |               | MAIN'          | <b>TENANCE</b> | HANGA    | R   |              |
| 5. PROGRAM ELEMENT  | 6. CATEGORY CODE    | 7. PROJEC     | T NUM          | IBER           | 8. PROJI | ECT | COST(\$000)  |
|                     |                     |               |                |                | AUTH:    |     | ,800         |
| 54332F              | 211-111             | TUN           | <b>AR989</b> 0 | 05             | APPROP   |     | 825          |
|                     | 9. COST             | ESTIMATE      | ES             |                |          |     |              |
|                     |                     |               | 1              |                | UNI      | Г   | COST         |
|                     | ITEM                |               | U/M            | QUANTITY       |          |     | (\$000)      |
| UPGRADE MAINTENA    | NCE HANGAR          |               | SM             | 5,435          |          |     | 3,138        |
| ADD/ALTER HANGA     | R BAY               |               | SM             | 2,787          | 43       | 1   | ( 1,201)     |
| ALTER MAINTENAN     | CE SHOPS            |               | SM             | 1,858          | 64       | 6   | (1,200)      |
| NEW AIRCRAFT SUI    | PORT EQUIPMENT (ASE | ) AREA        | SM             | 446            | 1,23     | 8   | ( 552)       |
| RELOCATE COVERE     | D STORAGE AREA      |               | SM             | 344            | 53       | 8   | ( 185)       |
| SUPPORTING FACILIT  | ES                  |               |                |                |          |     | 290          |
| UTILITIES           |                     |               | LS             |                |          |     | ( 40)        |
| PAVEMENTS/SITE IN   | MPROVEMENTS         |               | LS             |                |          |     | ( 85)        |
| FIRE PROTECTION S   | YSTEM               |               | LS             |                |          |     | ( 150)       |
| DEMOLITION          |                     |               | LS             |                |          |     | <u>( 15)</u> |
| SUBTOTAL            |                     |               |                | -              |          |     | 3,428        |
| CONTINGENCY (5%)    |                     |               |                | 1              |          |     | <u> 171</u>  |
| TOTAL CONTRACT CO   | ST                  |               |                |                |          |     | 3,599        |

10. Description of Proposed Construction: Main hangar bay structural modifications include roof truss system and aircraft access door system. Other modifications include new fall protection system, monorail system for engine removal, fire suppression (overhead wet pipe and modified underwing AFFF), and floor refinishing/restriping. The hangar shops and offices require relocation/renovation. Various utility systems need to be upgraded. The ASE facility will have reinforced concrete foundation and floor slab with concrete access pavement. Steel-framed masonry walls with standing seam metal roof. All utilities, pavements, and site improvements. Demolish Building 8 at 765 SM that is in the way of hangar access addition.

Air Conditioning: 88 KW

TOTAL REQUEST

TOTAL REQUEST (ROUNDED)

SUPERVISION, INSPECTION AND OVERHEAD (6%)

11. REQUIREMENT: 5,435 SM ADEQUATE: 0 SM SUBSTANDARD: 1,858 SM PROJECT: C-130 Upgrade Aircraft Maintenance Hangar (New Mission).

REQUIREMENT: This project supports the conversion from 15 F-16 to 8 C-130 aircraft. A facility that will fully enclose a C-130 aircraft is required. Properly sized and configured shops and offices to manage maintenance for C-130 aircraft are also required. An adequately sized and properly configured ASE facility is required for operational and training purposes to inspect, service, repair, and maintain assigned assets. This includes generators, mobile air conditioning equipment, and other miscellaneous pieces of powered and non-powered equipment used in the maintenance of C-130 aircraft.

CURRENT SITUATION: The hangar bay will not enclose the tail section of a C-130 aircraft nor will the C-130 aircraft's wing span and tail height fit through the existing hangar door system. The overhead door system is over 30 years old, has no replacement parts available, and requires immediate replacement. The hangar shops and offices were designed for F-16 aircraft and must be modified for C-130 aircraft maintenance functions. These modifications include renovation expansion and alteration of various shops and offices. The ASE facility is located adjacent to the main hangar and prevents adequate clearance for C-130 aircraft being towed to the hangar.

<u>IMPACT IF NOT PROVIDED</u>: Unable to park new mission aircraft inside the hangar to perform required maintenance. Shops and offices continue to be unnecessarily crowded and maintenance

3.816

3,800

| 1. COMPONENT                    | THE COOK NATIONAL CONCERNMENT OF THE CONCERNMENT OF | <b></b>               | 2. DATE            |
|---------------------------------|--|-----------------------|--------------------|
| ANG                             | FY 2000 MILITARY CONSTRUCTION PROJECT DA (computer generated)  | TA                    | 1 Feb 99           |
| 3. INSTALLATION                 | AND LOCATION   |                       |                    |
|                                 | N INTERNATIONAL AIRPORT, PUERTO RICO   |                       |                    |
| 5. PROJECT TITLE                |  | 7. PROJE              | ECT NUMBER         |
|                                 | RCRAFT MAINTENANCE HANGAR  |                       | JMR989005          |
| functions continue              | to be carried out inefficiently. Continued safety and envious to suffer from lack of adequate work and training spa  | ronmenta<br>ice IInal | l deficiencies.    |
| operational capabil             |  | ico. Onde             | no to reach ran    |
|                                 | preliminary analysis of reasonable options for accomplis   |                       |                    |
|                                 | d new construction) was done. It indicates there is only of quirements. Because of this, a full economic analysis was  |                       |                    |
|                                 | tion has been prepared.  | •                     |                    |
| This project is fund            | ed using advance appropriations. However, full authoriz  | ation is re           | equested in the    |
| year of initial appro           | priation. The ANG plans to award this project using a si   | ingle cons            | struction contract |
| and requests advan              | ced appropriation for the remaining amount.  |                       |                    |
|                                 |  |                       |                    |
| Hangar:                         | 2,787 SM = 30,000 SF   |                       |                    |
| Maintenance Shops ASE Facility: | 1,858 SM = 20,000 SF<br>446 SM = 4,800 SF  |                       |                    |
|                                 | ,  |                       |                    |
|                                 |  |                       |                    |
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|                                 |  |                       |                    |

| ION PROJECT DATA ted) 1 Feb 99  O RICO  7. PROJECT NUMBER TUMR989005  Mar 1998 NO 35% Nov 1998 |
|--|
| O RICO  7. PROJECT NUMBER  TUMR989005  Mar 1998  NO 35%  |
| 7. PROJECT NUMBER TUMR989005  Mar 1998 Posts NO 35%  |
| 7. PROJECT NUMBER TUMR989005  Mar 1998 Posts NO 35%  |
| TUMR989005  Mar 1998 NO 35%  |
| Mar 1998<br>costs NO<br>35%  |
| costs NO 35%   |
| 35%  |
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| እነርጥ 1000  |
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| Sep 1999   |
| pe performed YES   |
| 370  |
| NO<br>N/A  |
| N/A  |
| (\$000)  |
| 255  |
| 76   |
| 331  |
| 331  |
|  |
| May 2000   |
| Jun 2001   |
| Parametric Cost Estimate which are valid scope and cost and executability.                     |
|  |
| h  |

Point of Contact: Mr. John Loehle (301) 836-8076

| <u> </u>         |              |                     |               |        |           |          |      |             |
|------------------|--------------|---------------------|---------------|--------|-----------|----------|------|-------------|
| 1. COMPONENT     |              |                     |               |        |           |          | 2.   | DATE        |
|                  |              | FY 2000 MILITARY CO | NSTRUCTION    | ON PRO | DJECT DAT | ΓΑ       |      |             |
| ANG              |              | (comp               | uter generate | ed)    |           |          | İ    | 1 Feb 99    |
| 3. INSTALLATION  | AND I        | LOCATION            |               | 4. F   | ROJECT T  | TTLE     |      |             |
| LUIS MUNOZ-MAR   | IN IN        | TERNATIONAL AIRPOR  | т,            | C-130  | ADD TO A  | IRCRAF   | Г РА | RKING       |
| PUERTO RICO      |              |                     | ,             | APRO   | N         |          |      |             |
| 5. PROGRAM ELEM  | ENT          | 6. CATEGORY CODE    | 7. PROJEC     | T NUM  | IBER      | 8. PROJI | ECT  | COST(\$000) |
|                  |              |                     |               |        |           | AUTH:    | \$2  | ,250        |
| 54332F           |              | 113-321             | TUN           | MR9890 | 14        | APPROF   | ): S | \$490       |
|                  |              | 9. COST             | ESTIMATE      | ES     |           |          |      |             |
|                  |              |                     |               | T      |           | UNI      | T    | COST        |
|                  |              | ITEM                |               | U/M    | QUANTITY  | r cos    | Т    | (\$000)     |
| ADD TO AIRCRAF   | T PAR        | KING APRON          |               | SM     | 14,214    | 9        | 6    | 1,365       |
| SUPPORTING FAC   | ILITIE       | ES                  |               |        |           |          |      | 670         |
| UTILITIES/SITE   | <b>IMPR</b>  | OVEMENTS            |               | LS     |           |          |      | ( 45)       |
| RAMP LIGHTING    | 3            |                     |               | EA     | 4         | 40,00    | 0    | ( 160)      |
| WETLANDS MIT     | <b>TIGAT</b> | ION                 |               | LS     | Ì         |          |      | ( 400)      |
| SITE IMPROVEN    | MENT:        | S (SURCHARGING)     |               | LS     |           |          |      | ( 65)       |
| SUBTOTAL         |              |                     |               |        |           |          |      | 2,035       |
| CONTINGENCY (5   | %)           |                     |               | 1      |           |          |      | <u>102</u>  |
| TOTAL CONTRAC    | T COS        | ST                  |               | -      |           | -        |      | 2,137       |
| SUPERVISION, INS | SPECT        | TION AND OVERHEAD ( | (6%)          |        |           |          |      | <u>129</u>  |
| TOTAL REQUEST    |              |                     |               | ļ      |           |          |      | 2,266       |
| TOTAL REQUEST    | (ROU         | NDED)               |               | Í      |           |          |      | 2,250       |
|                  |              |                     |               | 1      | 1         | 1        |      |             |

10. Description of Proposed Construction: Concrete pavement, grounding points, tie-down points, new striping, stabilized shoulders, and site work. Relocate ramp fire hydrant system. Install ramp lighting system. Mitigate the required wetland areas and surcharge as necessary.

11. REQUIREMENT: 40,969 SM ADEQUATE: 26,755 SM SUBSTANDARD: 0 SM PROJECT: C-130 Add To Aircraft Parking Apron (New Mission).

<u>REQUIREMENT</u>: The base requires an adequately sized, properly configured, and correctly lighted apron that will allow the parking of assigned new mission aircraft. This project supports the conversion from 15 F-16 to 8 C-130 aircraft.

CURRENT SITUATION: The existing parking ramp is too small. Approximately half of the pavement was designed for F-16 aircraft is not adequate for the C-130 aircraft being based here. The expansion will provide the balance of the required parking spaces and peripheral taxiing lanes which provide specific clearance between parked aircraft and other fixed objects. The ramp can only be expanded towards an area that is predominantly "natural" wetlands. The process of naturally raising the elevation of wetland areas is a process called surcharging which deposits fill material and allows it to compact without mechanical means. The mitigation process for this project has been initiated by the base civil engineer with the responsible agencies (Army Corps of Engineers, Environmental Quality Board, and Puerto Rico Planning Board) and that cost is included as part of this project.

<u>IMPACT IF NOT PROVIDED</u>: Unable to properly park, maintain, and operate the aircraft. Increased risk of foreign object damage or other type of accident due to improper safety clearance criteria. The unit is unable to properly train air crews and reach full operational capability.

<u>ADDITIONAL</u>: A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, and new construction) was done. It indicates there is only one alternative that will meet operational requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared.

This project is funded using advance appropriations. However, full authorization is requested in the year of initial appropriation. The ANG plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount.

Apron: 14,214 SM = 17,000 SY

| . INST<br>UIS M | ANG ALLATION AND LOCAT      | 0 MILITARY CONSTRUCTION PROJECT DATA<br>(computer generated)<br>ION                                   | 1 Feb 99        |
|-----------------|-----------------------------|---|-----------------|
| UIS M           | ALLATION AND LOCAT          | ION   |                 |
|                 |                             |   |                 |
|                 | INOZ.MARIN INTERNIA         | TIONAL AIRPORT, PUERTO RICO   |                 |
|                 | ECT TITLE                   |   | PROJECT NUMBER  |
| , 11100         | DOT TITLE                   |   | THOUSE THOMESEN |
| -130 A          | DD TO AIRCRAFT PARK         | ING APRON   | TUMR989014      |
|                 |                             | •   |                 |
| 2. SI           | JPPLEMENTAL DATA            | :   |                 |
| a. Es           | stimated Design Data:       |   |                 |
|                 |                             |   |                 |
| (1              | ) Status:                   | 1   | Mar 1998        |
|                 | (a) Date Design Start       | ted<br>Estimates used to develop costs  | YES             |
|                 | *(c) Percent Complete       | •   | 35%             |
|                 | *(d) Date 35% Design        |   | Nov 1998        |
|                 | (e) Date Design Com         |   | Sep 1999        |
|                 | ` '                         | e-Cycle analysis was/will be performed  | NO              |
|                 | (1) Lifeigy Study/Eli       | o-Cycle dilarysis was win oo performed  |                 |
| (2              | 2) Basis:                   |   | 210             |
|                 | (a) Standard or Defin       |   | NO              |
|                 | (b) Where Design W          | as Most Recently Used -   | N/A             |
| C               | 3) Total Cost (c) = (a) + ( | (b) or (d) $+$ (e):   | (\$000)         |
| (-              |                             | ans and Specifications  | 155             |
|                 | (b) All Other Design        |   | 45              |
|                 | (c) Total                   |   | 200             |
|                 | (d) Contract                |   | 200             |
|                 | (e) In-House                |   |                 |
| (4              | 4) Construction Start       |   | May 2000        |
| (               | 5) Construction Complet     | ion   | Dec 2000        |
|                 |                             | n of Project Definition with Parametric Cost Esti<br>ditional 35% design to ensure valid scope and co |                 |
| b. E            | quipment associated with    | this project will be provided from other appropri   | riations: N/A   |

Point of Contact: Mr. John Loehle (301) 836-8076

### DEPARTMENT OF THE AIR FORCE JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2000

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 313:

PLANNING AND DESIGN

\$4,951,000

### PART I -- PURPOSE AND SCOPE

The funds estimated in this program are to provide financing for project planning and design of the construction requirements for the Air National Guard

### PART II -- JUSTIFICATION OF FUNDS REQUESTED

The funds required for Planning and Design will provide for establishing project construction design of the facilities and for fully evaluating each designed project in terms of technical adequacy and estimated costs.

| 1. COMPONENT       |       |                     |              | •        |          |              | 2.       | DATE            |
|--------------------|-------|---------------------|--------------|----------|----------|--------------|----------|-----------------|
|                    |       | FY 2000 MILITARY CO |              |          | DJECT DA | ΓΑ           |          |                 |
| ANG                |       |                     | uter generat |          |          |              | <u> </u> | 1 Feb 99        |
| 3. INSTALLATION    | AND I | LOCATION            |              | 4. F     | ROJECT 1 | TITLE        |          |                 |
| VARIOUS LOCATIO    | NS    |                     |              | PLANI    | NING AND | DESIGN       | 1        |                 |
| 5. PROGRAM ELEM    | ENT   | 6. CATEGORY CODE    | 7. PROJEC    | CT NUM   | IBER     | 8. PROJ      | ECT      | COST(\$000)     |
| 55296F             |       | 999-999             | AA           | AA9898   | 01       |              | \$4,     | 951             |
|                    |       | 9. COST             | ESTIMAT      | ES       |          |              |          |                 |
| Miles and a second |       | ITEM                |              | U/M      | QUANIII  | UNI<br>Y COS |          | COST<br>(\$000) |
| PLANNING AND D     | ESIG  | N (P-313)           |              | LS       |          |              |          | 4,951           |
| SUBTOTAL           |       |                     |              |          |          |              |          | 4,951           |
| TOTAL CONTRAC      | T COS | ST                  |              |          | }        |              |          | 4,951           |
| TOTAL REQUEST      |       |                     |              |          |          |              |          | 4,951           |
|                    |       |                     |              |          |          |              |          | ļ               |
|                    |       |                     |              | Į        |          |              |          | ļ               |
|                    |       |                     |              |          |          |              |          |                 |
|                    |       |                     |              |          |          | ]            |          |                 |
|                    |       |                     |              | ļ        |          | 1            |          | }               |
|                    |       |                     |              |          |          |              |          |                 |
|                    |       |                     |              |          | İ        | 1            |          | 1               |
|                    |       |                     |              |          |          |              |          |                 |
|                    |       |                     |              |          |          |              |          |                 |
|                    |       |                     |              | <u> </u> | •11 • 1  |              | 1. 1.    | <u> </u>        |

10. Description of Proposed Construction: The funds requested will provide for the architectural and engineering services necessary to fully evaluate each project's technical adequacy and estimated cost, and complete final design of facilities. In addition, the funds are required to prepare working drawings, specifications, and project reports for the design of construction projects to be included in future Air National Guard (ANG) Military Construction (MILCON) Programs.

### 11. REQUIREMENT: As Required

PROJECT: Planning and Design

REQUIREMENT: The ANG needs planning and design funds for projects that are to be included in future MILCON programs. The FY 2000 design funds are needed to complete the design for those projects that are to be included in the FY 2001 MILCON program and to begin the design for those projects to be included in the FY 2002 program. Funds also provide for preliminary work on some projects planned for FY 2003.

<u>CURRENT SITUATION</u>: The ANG requires the design money in FY 2000 to ensure the design milestones for the FY 2001 and FY 2002 MILCON Programs, as mandated by Department of Defense (DOD) Instruction 1225.8, are met.

IMPACT IF NOT PROVIDED: The ANG will not be able to effectively administer the future year MILCON programs. Insufficient design funds will translate into late design completion, later construction starts, higher construction costs, and the inability to meet DOD and Congressionally mandated execution rates.

### DEPARTMENT OF THE AIR FORCE JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2000

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 341: UNSPECIFIED MINOR CONSTRUCTION \$2,000,000

### PART I -- PURPOSE AND SCOPE

The funds estimated in this program are to provide financing for new construction and alteration projects having cost estimates over \$500,000 but not exceeding \$1,500,000, which are not otherwise authorized by law.

### PART II -- JUSTIFICATION OF FUNDS REQUESTED

The funds required for Unspecified Minor Construction will finance projects for which the urgency is such that they could not be included in the regular Military Construction Program for the Air National Guard, and such that they exceed the minor construction authorization limit in the Operations and Maintenance Appropriation.

| 1. COMPONENT                 |       |                     |              |        | <del></del> | ****         | 1        | DATE            |
|------------------------------|-------|---------------------|--------------|--------|-------------|--------------|----------|-----------------|
| 1. COMPONENT                 |       | FY 2000 MILITARY CO | ירטו וכדטו   | ON DDC | ነውሮፕ ኮላ     | ГА           | 2. 1     | DATE            |
| ANG                          |       |                     | uter generat |        | JECT DA     | ın           | 1        | 1 Feb 99        |
| 3. INSTALLATION              | AND I |                     | area general |        | ROJECT T    | TITLE        | <u> </u> | 1100 //         |
|                              |       |                     |              |        |             |              |          |                 |
| VARIOUS LOCATIO              | NS    |                     |              | UNSPI  | ECIFIED M   | IINOR CO     | TRAC     | RUCTION         |
| 5. PROGRAM ELEM              | ENT   | 6. CATEGORY CODE    | 7. PROJE     | CT NUM | fBER        | 8. PROJ      | ECT (    | COST(\$000)     |
| 55296F                       |       | 999-999             | AA           | AA9898 | 02          |              | \$2,     | 000             |
|                              |       | 9. COST             | ESTIMAT      | ES     |             |              |          |                 |
|                              |       | ITEM                |              | U/M    | QUANTIT     | UNI<br>Y COS |          | COST<br>(\$000) |
| SUBTOTAL                     |       | ONSTRUCTION (P-341) |              | LS     |             |              |          | 2,000<br>2,000  |
| TOTAL CONTRACT TOTAL REQUEST | T COS | ST                  |              |        | :           |              |          | 2,000<br>2,000  |
|                              |       |                     |              |        | i           |              |          |                 |
|                              |       |                     |              |        |             |              |          | \<br>           |
|                              |       |                     |              |        |             |              |          |                 |
|                              |       |                     |              |        |             | i.           |          | ļ               |
|                              |       |                     |              |        |             | 1            |          |                 |
|                              |       |                     |              |        |             |              |          |                 |

10. Description of Proposed Construction: Provides funding for unspecified minor construction projects not otherwise authorized by law and having a funded cost between \$500,000 and \$1,500,000. Projects include construction, alteration, or conversion of permanent or temporary facilities. The Secretary of the Air Force has the authority to approve projects of this nature under the provisions of 10 U. S. Code 18233a and 10 U. S. Code 2805.

### 11. REQUIREMENT: As Required

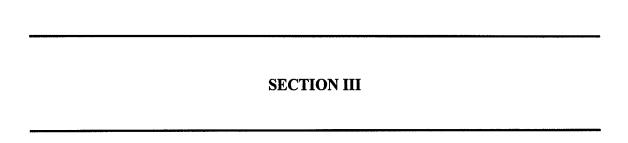
PROJECT: Unspecified Minor Construction Program

REQUIREMENT: This program provides the means of accomplishing urgent, unforeseen projects costing over \$500,000, but not exceeding \$1,500,000. The project requirements are anticipated to arise during late FY 1999 or FY 2000, and would be needed to satisfy critical, urgent mission beddowns and weapon system conversions, or to meet serious and urgent health, safety, and environmental requirements. The late identification of these requirements prevents their inclusion in the FY 2000 MILCON program and the projects cannot wait for the FY 2001 program. The requested funds are not a percent of the budget, but are based on historical trends. Routine and non-urgent projects are not funded from this account.

<u>CURRENT SITUATION</u>: As in the recent past, it is expected that the Air Force will continue to transfer missions and force structure into the ANG. These aircraft conversions and beddowns generate facility requirements that are often late-to-need using normal MILCON programming avenues. The urgency of the required projects is driven by the arrival of new aircraft and equipment, or the need to eliminate immediate health, safety or environmental requirements.

<u>IMPACT IF NOT PROVIDED</u>: Unable to adequately support mission conversions and beddowns. More expensive workarounds will have to be used. Formal reprogramming is the only other option available, however, funds may not be available for these reprogrammings.

### DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2000



### **FUTURE YEARS DEFENSE PLAN (FYDP)**

**FISCAL YEAR LISTING** 

|      |        |                          |                           |        |  |        |                  |         | Change from  |                     |
|------|--------|--------------------------|---------------------------|--------|--|--------|------------------|---------|--------------|---------------------|
|      |        |                          |                           |        |  |        |                  | Cost    | FY99 APB     |                     |
| Comp | Ĕ      |                          | Appn Installation         | State  | State Project Title                                | PE     | Cat-Code (\$000) | (\$000) | FYDP (\$000) | Remarks             |
|      | 1      | 1                        |                           |        |  |        |                  |         |              |                     |
| ANG  | 2000   | ANG 120001 F 13830 Kulis | ) Kulis                   | AK     | AK   Composite Support Complex                     | 55296F | 55296F 171-450   | 10,000  |              |                     |
| 2    |        |                          |                           |        |  |        |                  |         |              | Cost Increase       |
| ANG  | 2000   | F 383(                   | 2000 F 3830 Little Rock   | AR     | Vehicle/Base Engineer Maintenance Complex          | 55296F | 214-425          | 8,699   | +4,699       | +4,699 Scope Change |
| ANG  | 2000   | F 383(                   | 2000 F 3830 Moffett Field | ð      | CA Replace Aircraft Maintenance Hangar             | 55296F | 211-111          | 14,000  |              |                     |
| ANG  |        | F 383(                   | 2000 F 3830 Savannah IAP  | ₽      | Compo  | 52619F | 442-758          | 9,800   | -800         |                     |
| ANG  | 2000   | F 3830                   | 2000 F 3830 Savannah IAP  | \<br>Ø | GA Regional Fire Training Facility                 | 55256F | 179-511          | 1,700   | +20          |                     |
| ANG  | 2000 F | F 383(                   | 3830 Boise                | 0      | A-10 Expand Arm and Disarm Apron                   | 52619F | 116-661          | 1,600   | +200         |                     |
| ANG  | 2002   | F 383(                   | F 3830 Luis Munoz-Marin   | PR     | PR IC-130 Fuel Cell and Corrosion Control Facility | 54332F | 54332F 211-179   | 5,600   | +200         |                     |
| ANG  | 000    | F 3830                   | 3830 Luis Munoz-Marin     | A.     | C-130 Upgrade Aircraft Maintenance Hangar          | 54332F | 54332F 211-111   | 3,800   | +950         | +950 Scope Change   |
| ANG  | _      | F 383(                   | 3830 Luis Munoz-Marin     |        | PR IC-130 Add to Aircraft Parking Apron            | 54332F | 113-321          | 2,250   | +350         |                     |
| ANG  | 2000   | F 383(                   | 3830 Volk Field           | ≶      | Replace Troop Training Quarters                    | 55296F | 725-517          | 8,900   | +900         |                     |
| ANG  | 2000   | F 383(                   | 2000 F 3830 Various       | 1      | Planning and Design                                | 55296F | 1                | 4,951   |              |                     |
| ANG  | 2000   | F 383                    | ANG 2000 F 3830 Various   | i      | Unspecified Minor Construction                     | 55296F | 1                | 2,000   |              |                     |
|      |        |                          |                           |        | FY 2000 Total Funded Requirements                  |        |                  | 73,300  |              |                     |

|                                    | ,<br>00  |                                    |   |  |                   | 7 02                       |                       |                                  |             |
|------------------------------------|--|------------------------------------|---|--|-------------------|----------------------------|-----------------------|----------------------------------|-------------|
|                                    | +200 Moved from FY 00                              | New                                | +2,300 Cost Increase                          | New  | New               | -100 Moved from FY 02      |                       |                                  |             |
| +100                               | +200   | +9,000 New                         | +2,300  | +1,770 New   | +3,400 New        | -100                       |                       |                                  |             |
| 1,700                              | 9,800  | 000'6                              | 12,300  | 1,770  | 3,400             | 9,700                      | 4,355                 | 4,600                            | 10000       |
| 55256F 179-511                     | 51628F 171-875                                     | 171-445                            | 54121F 211-159                                | 52608F 141-753   | 141-753           | 217-712                    | ;                     |                                  |             |
| 55256F                             | 51628F   | 55296F                             | 54121F  | 52608F   | 52608F            | 55296F                     | 55296F                | 55296F                           |             |
| AR Regional Fire Training Facility | GA 18-1 Munitions Maintenance and Training Complex | GA Operations and Training Complex | MS IC-17 Corrosion Control/Maintenance Hangar | OH 1F-16 Add/Alter Squadron Ops/Flight Training Facility | . 1 4             |                            | - Planning and Design | - Unspecified Minor Construction |             |
| 120011 F   3830   Fort Smith       | 2001 F 3830  | 2001 F 3830 Savannah IAP           | 2001 F 3830                                   | 2001 F 3830 Springfield                                  | 2001 F 3830 Kelly | 2001 F 3830 Salt Lake City | 2001 F 3830 Various   | 2001 F 3830 Various              | 2001 1 2000 |
| ANG                                | ANG  | V                                  | ANG   | QNA<br>V   | Q Q               | QNA<br>QNA                 | ANG                   | ANG                              | 2           |

| Composite Com                      |      |          |        |                | L     |   |         | -        |         | Change trom  |                  |
|--|------|----------|--------|----------------|-------|---|---------|----------|---------|--------------|------------------|
| FY         Appn         Installation         State         Project Title         FYDP (\$000)         FYDP (\$000)           2002         F         3830         Dannelly         AL         Replace Medical Training and Dining Facility         55296F         772-357         6,922           2002         F         3830         Dannelly         AL         Replace Vehicle Maintenance Complex         55296F         214-425         3,600         +1,100           2002         F         3830         Boise         ID         A-10 Fuel Cell/Corrosion Control Facility         55296F         171-47         4,600         +4,600           2002         F         3830         Johnstown         PA         Ar Traffic Control Training Facility         55296F         171-47         4,600         +4,600           2002         F         3830         Johnstown         MO         Upgrade Aircraft Parking Apron-Phase II         55296F         171-47         4,600         +4,600           2002         F         3830         Jackson         MO         Upgrade Aircraft Parking Apron-Phase II         55296F         142-758         1,400           2002         F         3830         Jackson         MM         Composite Support Complex         55296F         142-758  |      |          |        |                |       |   |         |          | Cost    | FY99 APB     |                  |
| 2002         F         3830         Dannelly         AL         Replace Medical Training and Dining Facility         55296F         722-351         6,922           2002         F         3830         Dannelly         AL         Replace Vehicle Maintenance Complex         55296F         214-425         3,600         +1,100           2002         F         3830         Boise         ID         A-10 Fuel Cell/Corrosion Control Facility         55296F         171-47         4,600         +4,600           2002         F         3830         Boise         ID         A-10 Fuel Cell/Corrosion Control Facility         55296F         171-47         4,600         +4,600           2002         F         3830         Johnstown         MS         C-17 Flight Simulator Facility         55296F         113-321         9,000         +9,000           2002         F         3830         Jackson         MS         C-17 Flight Simulator Facility         55296F         442-758         1,400           2002         F         3830         Jackson         MM         Composite Support Complex         55296F         42-758         1,400           2002         F         3830         Various  |      |          |        | Inetallation   | State |   |         | Cat-Code | (\$000) | FYDP (\$000) | Remarks          |
| AL         Replace Medical Training and Dining Facility         55296F         722-351         6,922           y         IA         Replace Vehicle Maintenance Complex         55296F         214-425         3,600         +1,100           n         PA -10 Fuel Cell/Corrosion Control Facility         52619F         211-179         2,300         +4,600           n         PA Air Traffic Control Training Facility         55296F         171-447         4,600         +4,600           ns         MO         Upgrade Aircraft Parking Abron- Phase II         55296F         113-321         9,000         +9,000           IIS         MT         Base Supply Warehouse         55296F         142-758         1,400         +1,400           IIS         MT         Composite Support Complex         55296F   | 2    | ı        | _      | III Standardii |       |   |         |          |         |              |                  |
| y         IA         Replace Medical Italiang and Diming and Diming and Design         A-100         +1,100           y         IA         Replace Vehicle Maintenance Complex         52619F         214.425         3,600         +1,100           vn         PA         Air Traffic Control Training Facility         5529F         171.447         4,600         +4,600           ns         MO         Upgrade Aircraft Parking Apron- Phase II         5529F         171.471         3,600         +3,600           lls         MX         C-17 Flight Simulator Facility         5529F         171-212         3,600         +3,600           lls         MX         C-17 Flight Simulator Facility         5529F         442-758         1,400         +1,400           lls         MX         Composite Support Complex         5529F         13-111         9,500           n         Composite Support Complex         5529F         - 4,774         - 4,714           n         Lonspecified Minor Construction         5529F         - 4,350           r         - Unspecified Minor Construction         5529F         - 4,714           r         - 4,986         - 49,986  |      |          | 1000   |                | Į     | Modical Training and Dining Eacilify      | 55296F  | 722-351  | 6,922   |              | Moved from FY 00 |
| IA         Replace Vehicle Maintenance Complex         55296F         214 425         3,600         +1,100           ID         A-10 Fuel Cell/Corrosion Control Facility         52619F         211-179         2,300         +4,600           PA         Air Traffic Control Training Facility         55296F         171-447         4,600         +4,600           MO         Upgrade Aircraft Parking Abron- Phase II         55296F         113-321         9,000         +9,000           MS         C-17 Flight Simulator Facility         55296F         171-212         3,600         +3,600           MS         Composite Support Complex         55296F         142-758         1,400         +1,400           NM         Composite Support Complex         55296F         13-111         9,500         +1,400            Planning and Design         -         4,714         -         4,714            Unspecified Minor Construction         55296F         -         4,350            Unspecified Minor Construction         55296F         -         4,350   | ANG  | 2002     | 3830   | Dannelly       | 1     | Neplace Medical Halling and Chinig Lacing |         |          |         |              | Scope Change     |
| National Part  | :    |          |        | i              | -     |   | 55296F  | 214-425  | 3,600   | +1,100       | Moved from FY 00 |
| ID   A-10 Fuel Cell/Corrosion Control Facility   320 IST   211-173   4,600   14,60 | ANG  | 2002     | - 3830 | Sloux City     | 2     | Neplace Vellice Mailleriance Complex      | 200400  | 244 470  | 2 300   |              | Moved from FY 00 |
| PA         Air Traffic Control Training Facility         55296F         1/144/         4,600         +4,000           MO         Upgrade Aircraft Parking Apron- Phase II         55296F         113-321         9,000         +9,000           MS         C-17 Flight Simulator Facility         54121F         171-212         3,600         +3,600           MT         Base Supply Warehouse         55296F         442-758         1,400         +1,400           NM         Composite Support Complex         55296F         131-111         9,500         +1,400           -         Planning and Design         4,714         -         4,714           -         Unspecified Minor Construction         55296F         -         4,350           FY 2002 Total Funded Requirements         49,986         -         49,986  | ANG  | 2002 F   | 3830   | Boise          | _     | el Cell/Corrosion Control Facility        | 350 IBL | 6/1-1/2  | 4,000   | 000          | None             |
| MS   Cupgrade Aircraft Parking Apron-Phase II   55296F   113-321   9,000   +9,000  | 2    | 2000     | 0000   | Chartour       | Δd    |   | 55296F  | 171-44/  | 4,600   | -4,000       | New              |
| MS   C-17   Flight Simulator Facility   MS   C-17   Flight Simulator Facility   MS   C-17   Flight Simulator Facility   MS   C-17   Flight Simulator Facility   MS   Base Supply Warehouse   55296F   442-758   1,400   +1,400     M   Composite Support Complex   55296F   131-111   9,500     M   Composite Support Complex   55296F   | N N  | 2002     | 2000   | JOHNSTOWN      |       | II occide Antique Anton Dhose II          | 55296F  | 113-321  | 000.6   | 000'6+       | New              |
| MS   C-17 Flight Simulator Facility   341217   171212   3,000   14,400    | ANG  | 2002   F | 3830   | Rosecrans      | 2     | Opgrade                                   | 744047  | 474 040  | 2 800   | +3 600       | New              |
| alls         MT         Base Supply Warehouse         1,400         +1,400         +1,400           NM         Composite Support Complex         55296F         131-111         9,500            Planning and Design         4,714            Unspecified Minor Construction         55296F          4,714           FY 2002 Total Funded Requirements         49,986  | CINA | 2002     | 3830   | lackson        | SM    | C-17 Flight Simulator Facility            | 24121F  | 717-171  | 3,000   | 0,000        |                  |
| NM   Composite Support Complex   55296F   131-111   9,500  | 2    | 7005     |        | Oncore Calls   | 5     | Doco Cupuly Warehouse                     |         | 442-758  | 1,400   | +1,400       | New              |
| NM   Composite Support Complex   55296F   4,714  | ANG  | 2002     | 2020   | Great Falls    |       | Dase Supply Walerload                     |         | 131-111  | 9 500   |              | Moved from FY 01 |
| Planning and Design         55296F            Unspecified Minor Construction         55296F            FY 2002 Total Funded Requirements   | ANG  | 2002 F   | 3830   | Kirtland       | Σ     | Composite Support Complex                 |         |          |         |              |                  |
| - Unspecified Minor Construction 55296F FY 2002 Total Funded Requirements  | S NO | 2002     | 3830   | Various        |       |   | 55296F  | 1        | 4,/14   |              |                  |
| FY 2002 Total Funded Requirements  |      | 7000     |        | Verious        |       | Hernerified Minor Construction            | 55296F  | 1        | 4,350   |              |                  |
| lotal Funded Kequirements  | ANG  | 2002     | 2000   | Various        |       |   |         |          | 49.986  |              |                  |
|  |      |          |        |                |       | FY 2002 Total Funded Requirements         |         | 1        |         |              |                  |

| Г                | Τ                | T                                  | Т                                    | Т              | _               | Г                  | Т                           | 7   |                    | _                       |                |                         |                                   | Т  | Т                                       | 7  |                         | Г                               | Т   | Т                         | 7              |
|------------------|------------------|------------------------------------|--------------------------------------|----------------|-----------------|--------------------|-----------------------------|---|--------------------|-------------------------|----------------|-------------------------|-----------------------------------|--|---|--|-------------------------|---------------------------------|---|---------------------------|----------------|
| Moved from FY 00 | Moved from FY 00 | Moyed from EV 00                   | DO 1 I III DONOM                     | New            |                 | Moved from FY 00   | Mone                        | ) INEW  | Scope Change       | +2,000 Moved from FY 00 | Scope Change   | +2,850 Moved from FY 03 | Moved from FY 00                  | 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2    | Moved Iron PT 01                        | +8,900 New   | +1,200 Moved from FY 00 |                                 |   |                           |                |
|                  |                  |                                    |                                      | +1,200 New     | +400            |                    | 000                         | +8,600 New                                      |                    | +2,000                  |                | +2,850                  |                                   |  |   | +8,900   | +1,200                  |                                 |   |                           |                |
| 4.200            | 8 500            |                                    | 9,100                                | 1,200          | 4,400           | 5 900              | 200                         | 8,800   |                    | 7,400                   |                | 6,400                   | 3.450                             |  | 4,250                                   | 8,900  | 10.400                  | 202.0                           | 3,500                                       | 7,396                     | 88,796         |
| 219-944          | 171 AAE          | 2                                  | 1/1-445                              | 116-672        | 218-712         | AA7 CAA            | 00/-74                      | 216-642   |                    | 130-142                 |                | 171-447                 | 121-111                           |  | 214-425                                 | 53111F 171-447   | 171-445                 | 10000                           | 219-944                                     | 1                         |                |
| 55296F           | EE200E           | 332301                             | 51628F                               | 55296F         | 55296F          | 25005              | 33230r                      | 55296F  |                    | 55296F                  |                | 55296F                  | FEDORE                            | 335.30                                     | 55296F                                  | 53111F   | 55296F                  | 10000                           | 55296F                                      | 55296F                    |                |
| 1                | Keplac           | Operations and Training Facilities | B-1 Operations and Training Facility | Aircra         |                 | Kepla              | Replace Base Supply Complex | Dealace Minitions Maintenance & Storage Complex | ואבוחומ            |                         | Venia<br>Venia |                         |                                   | Communications and Security Forces Complex | Replace Vehicle/ASE Maintenance Complex | 3  |                         | S<br>S<br>S                     | / Replace Base Engineer Maintenance Complex | Planning and Design       | 2              |
|                  | 4                | AR                                 | GA<br>GA                             | =              |                 | 5                  | ≨                           | Z   | 1                  |                         | Σ              | -                       | ΩM                                | <del>2</del>                               | ž                                       | : ≥  |                         | 5                               | <u>۸۸</u>                                   |                           | -              |
|                  | _                | U 3830 Fort Smith                  | 11 3830 Bohins                       | Ciliano Coc Li | U 303U FICABILI | U 3830 New Orleans | U 3830 Barnes               | The local                                       | U 3630 W N Nellugg |                         | U 3830 Semidge |                         | ANG   2002   U   3830   Key Field | 2002 U 3830 Atlantic City                  | 11 3830 Gahracki                        | TO SOOD LIGHT OF THE PARTY OF T | 2002 U 3830 Hancock     | 2002  U   3830   Salt Lake City | ANG 12002 [1] 3830 Yeager                   | ANIC 2002 11 2820 Various | O SOSO VAILOUS |
|                  | ANG 2002 U       | 2002                               |                                      |                | 2002            | 2002               | 2002                        |   | 7007               |                         | ANG 2002 U     |                         | 200Z                              | 2002                                       | 11 2002                                 | 7007   | 7007                    | 2002                            | 2002  | 1000                      | 4004           |
|                  | NG               | ANG                                | C N                                  |                | ANG             | ANG                | ANG                         |   | ANG                |                         | ANG<br>ANG     |                         | ANG                               | ANG  |   |  | ANG                     | ANG                             | CINA  |                           |                |

|      |        |                               |                                 | L      |  |        |                  |         | Change from  |                                       |
|------|--------|-------------------------------|---------------------------------|--------|--|--------|------------------|---------|--------------|---------------------------------------|
|      |        |                               |                                 |        |  |        |                  | Cost    | FY99 APB     |                                       |
| Comp |        | Appn                          | FY Appn Installation            | State  | State Project Title                                | Ⅱ      | Cat-Code (\$000) | (\$000) | FYDP (\$000) | кетатк                                |
|      |        |                               |                                 |        |  |        |                  |         |              |                                       |
| 9    | 0000   | 2000                          | 11/1.15                         | 1      | AK I Aircraft Corrosion Control Facility           | 55296F | 55296F 211-159   | 11,000  |              | Moved from FY 01                      |
| ANG  | 2003   | ANG   2003   F   3630   Nuils | Nuis                            | {      |  | FEDORE | 171.447          | 11 000  |              | Moved from FY 01                      |
| ANG  | 2003 F | F 3830                        | 3830 Orange                     | ს<br>— | CT   Replace Air Control Squadron Complex          | 332301 |                  | 200,1   | 107          | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
|      | 0000   | 1                             | COOC T COOC                     | 2      | Denlace Dining Hall/Medical Training Facility      | 55296F | 55296F   722-351 | 6,095   | 4195         | +195 Moved Iron FT 01                 |
| ANG  | 2002   | 3030                          | ruit wayiid                     |        |  | 5520GF | 141-753          | 006.6   |              | Moved from FY 01                      |
| ANG  | 2003   | F 3830                        | Mansfield                       | 5      | OH Replace Squad Ops/Commissecurity Forces Complex | 222    |                  |         |              | Change Change                         |
|      |        |                               |                                 |        |  |        |                  |         |              | Scope Change                          |
| -    | -      |                               | 14. Table                       | Ç      | Contact Control Tower & ASE Facility               | 55296F | 149-962          | 7,700   | +3,150       | +3,150 Moved from FY 02               |
| ANG  | 2003   | 1 3830                        | ANG ZUU3 F 3830 MICEILIIE       | 3      |  | SESORE | 214.425          | 2 800   | +300         | +300 Moved from FY 02                 |
| ANG  | 2003   | F 3830                        | 3830 Richmond                   | \$     | Replace Vehicle Maintenance Complex                | 332301 | 774.7            | 2,000   |              |                                       |
| 2 2  |        | E 2830                        | 2920 Warious                    |        | Planning and Design                                | 55296F | -                | 4,959   |              |                                       |
|      | 2002   |                               | Various                         | 1      | I leconsition Minor Construction                   | 55296F | ı                | 4,400   |              |                                       |
| ANG. | 2003   | 1 3830                        | ANG   2003   F   3830   Various | 1      | Olispecified willow construction                   |        |                  | E7 05A  |              |                                       |
|      |        |                               |                                 |        | FY 2003 Total Funded Requirements                  |        |                  | 1,00,10 |              |                                       |

|       | Ţ                                   |                       |                       |                   | Τ   | T                               | 1                                 |               |                                       |                         | Γ                                  | ٦                                  |              |                         |                                  |                                |                                    | Γ                   | Τ                                   | T                   |  |
|-------|-------------------------------------|-----------------------|-----------------------|-------------------|---|---------------------------------|-----------------------------------|---------------|---------------------------------------|-------------------------|------------------------------------|------------------------------------|--------------|-------------------------|----------------------------------|--------------------------------|------------------------------------|---------------------|-------------------------------------|---------------------|--|
| 10 /L | Moved from FY 01                    | +250 Moved from FY 01 | +550 Moved from FY 02 | New               |   |                                 |                                   | Title Change  | +600 Moved from FY 02                 | +5,000 Scope Change     | None                               | New                                | Scope Change | +4,550 Moved from FY 01 | Scope Change                     | +1,000 Moved from FY 01        | New                                |                     |                                     |                     |  |
|       |                                     | +250                  | +220                  | +6.900 New        | OUGT                                      | 1000                            | +200                              |               | +600                                  | +5.000                  | 0000                               | +2,900 New                         |              | +4,550                  |                                  | +1,000                         | +2,500 New                         | 100                 | 2                                   |                     |  |
|       | 5,000                               | 2,400                 | 3,000                 | 006.9             | 100                                       | 006'0                           | 5,100                             |               | 12,100                                | 7 700                   | 300                                | 2,900                              |              | 7,400                   |                                  | 10,800                         | 2.500                              | O SOO               | 31.0                                | , JO/               | 89.607   |
|       | 51628F   442-758                    | 214-425               | 442-758               | 113-321           |   | 211-124                         | 211-179                           |               | 141-753                               | 116-116                 |                                    | 171-450                            |              | 442-758                 |                                  | 171-445                        | 55296F 725-517                     | NNO 016             | 213-2-4                             | '                   |  |
|       | 51628F                              | 55296F                | 54332F                | 55206F            |   | -                               | 54121F                            |               | 54121F                                | 54121E                  | ,                                  | 55296F                             |              | 55296F                  |                                  | 55296F                         | 55296F                             | -50000              | 33230F                              | 55296F              |  |
|       | 18-1 Supply and Equipment Warehouse |                       | אבאום                 | ) And             | B -1 Aircraft Live Munitions Loading Ramp | V Composite Maintenance Complex | C-17 Ungrade Firel Cell and Shops |               | Month of the second Charles and Shons | <u> </u>                | C-17 Snormeid Runway               | Medical Training Facility (w/AFRC) |              | 0000                    | Dase Supply/Dase Ligings Compres | Or Designation Support Complex | Neplace Composite Capport Compress |                     | A Replace Composite Support Complex | Planning and Design | The contract of the state of th |
|       | 4                                   | 5 6                   | 5 9                   | 2                 | KS  | NM                              | V <sub>M</sub>                    | <u></u>       | -                                     | <u></u>                 | Σ<br>Σ                             | Ž                                  | 1            | 2                       | ž<br>                            | ò                              | ┪                                  | -                   | W. I                                | Ľ                   | $\left\{ \right.$  |
|       | 2020 Dobine                         | 1 1.1-fee             | 3830 Hunter           | 3830 Boise        | 3830 McConnell                            | 3830 Minn-St Paul               | Lookeon                           | SOSU SACKSOIL | 1                                     | ANG 2003 U 3830 Jackson | ANG   2003  U   3830   Camp Shelby | 2020 McCuiro                       | MICOUNG      |                         | 3830 Schenectady                 | ļ.                             | 3830 Tulsa                         | 3830 Camp Pendleton | 3830 Fairchild                      | 3830 Various        | 2000   |
|       | 2020                                | 2000                  | 3830                  | 3830              | 3830                                      | 3830                            | 2000                              | 3             | -                                     | 3830                    | 3830                               | 2000                               | 3000         | -                       | 3830                             |                                | 3830                               | 3830                | 3830                                | 3830                | 333  |
|       | 11 1000                             | ANG 2003 U            | 500                   | 2<br>2003<br>2003 | <u>003</u>                                | 2003 11                         |                                   | 2007          | - 5                                   | 2 <br> S                | <u> 1800</u> ,                     | - 600                              | 3            |                         | 203                              | - 5                            | 500                                | ) E00               | 7 500<br>100                        | 1                   | 1  |
|       | 2                                   |                       | ANG 2003              | ANG 2003          | ANG 2003                                  | ANG                             |                                   | ANG           | - 9                                   | اد<br>الا               | 2<br>2<br>2                        | 2                                  | AING 2003    | - !                     | ANG 2003                         | - (                            | ANG   2003                         | ANG 12003           | ANG 2003                            | ANG 2003            |  |

|              |             |                    |                   |       |  |        |                |        | Change from |                       |
|--------------|-------------|--------------------|-------------------|-------|--|--------|----------------|--------|-------------|-----------------------|
|              | ì           |                    | •                 | į     | 77.2   | ū      | Cost           | Cost   | FY99 APB    | Remarks               |
| Comp         | Ł           |                    | Appn Installation | State | State Project little                               |        | anon-ino       | (coop) |             |                       |
| ANG          | 2004 F      | 2004 F 3830 Fresho | ouse              | 8     | CA   Replace Operations & Training/Dining Facility | 55296F | 55296F 171-445 | 10,000 | 006+        | +900 Moved from FY 03 |
| Q C          | 2004<br>F   | 3830 Canita        | anital            | =     | Composite Support Complex                          | 55296F | 55296F 722-351 | 9,000  |             | Moved from FY 02      |
| ON V         | 2004        |                    | ravlino           | Ē     | Replace Range Support Facilities                   | 55296F | 179-481        | 4,400  | +4,400 New  | New                   |
| ON C         | 2004 E      |                    | 9956              | Ę     | Ungrade Aircraft Parking Apron                     | 55296F | 113-321        | 9,600  | +100        | +100 Moved from FY 02 |
| DING<br>DING | 2004        |                    | princfield        | Ę     |  | 55296F | 171-445        | 7,998  | +7,998 New  | New                   |
| ANG          | 2004 F      | 3830               | Klamath Falls     | S S   |  | 55296F | 55296F 171-447 | 9,000  |             | Moved from FY 01      |
| D V          | 2004 F 3830 | 3830 V2            | Various           | ,     | Planning and Design                                | 55296F | 1              | 4,654  |             |                       |
| ANG          | 2004 F      |                    | Various           | ,     |  | 55296F |                | 4,497  |             |                       |
|              | 1           | 1                  |                   | ſ     | EV 2004 Total Funded Requirements                  |        |                | 59,149 |             |                       |

| SN V       | ANG POOR    |     | 3830 Pohins                 | 45     | IR-1 Base Fnoineer Maintenance Complex  | 51628F | 51628F   219-944 | 3,200  | Mov         | Moved from FY 02        |
|------------|-------------|-----|-----------------------------|--------|---|--------|------------------|--------|-------------|-------------------------|
| Z V        | 2004        |     | 3830 Robins                 | 5 €    | _                                       | 51628F | 214-425          | 2,100  | Mov         | Moved from FY 02        |
|            | _           | 1=  | 3830 Rames                  | Ψ<br>W | Relo                                    | 55296F | 55296F 112-211   | 3,200  | Mov         | Moved from FY 02        |
| ON O       |             | 丰   | 3830 Pease                  | Į      | Rep                                     | 55296F | 171-450          | 3,200  | +3,200 New  | ۸                       |
| ANG        | _           | 1=  | 3830 Will Roders            | ð      | Repl                                    | 55296F | 211-111          | 19,500 | Mov         | Moved from FY 01        |
| DNA<br>CNA | _           | Ē   |                             | S S    | Repl                                    | 55296F | 722-351          | 8,200  | Mov         | Moved from FY 01        |
|            |             | Ī   |                             | -      |   |        |                  |        | Sco         | Scope Change            |
| ANG        | 1000        | =   | ANG 2004 II 3830 Pittsburgh | PA     | Add/Alter Sauad Ops/Support Complex     | 55296F | 214-425          | 9,400  | +4,000 Mov  | +4,000 Moved from FY 03 |
| O V        | 2004        | ) = | 3830 Ononset                | ā      | Ren                                     | 55296F | 211-111          | 16,500 | +16,500 New | ۷                       |
| Q C        |             | 乍   | 3830 McGhee Tyson           | Z      | Aircr                                   | 55296F | 113-321          | 9,500  | +9,500 New  | ٧                       |
| Q C        | _           | ŧ   | 3830 Kellv                  | ř      | Sep                                     | 55296F | 214-425          | 3,000  | +300 Mov    | +300 Moved from FY 01   |
|            |             | 1   | 1000                        | -      |   |        |                  |        | Sco         | Scope Change            |
| ANG        | ANG 2004 11 | = 1 | 3830 Chevenne               | ≩      | Aerial Port/Air Traffic Control Complex | 55296F | 171-447          | 7,000  | +1,900 Mov  | +1,900 Moved from FY 03 |
| ANG        | ANG 2004    |     | 3830 Various                |        |   | 55296F | -                | 6,980  |             |                         |
|            |             | 7   |                             |        | FY 2004 Total Unfunded Requirements     |        |                  | 91,780 |             |                         |
|            |             |     |                             |        |   |        |                  |        |             |                         |

|       |                                 |              |                               |               |   |        |                  |        | Change from          |                         |
|-------|---------------------------------|--------------|-------------------------------|---------------|---|--------|------------------|--------|----------------------|-------------------------|
|       |                                 |              |                               |               |   |        |                  | Cost   | FY99 APB             |                         |
|       | 3                               | 4            | A non Inetallation            | State         | State Project Title   | Ä      | Cat-Code (\$000) | (2000) | FYDP (\$000) Remarks | Remarks                 |
| COMP  |                                 |              | Illocaliación                 |               |   |        |                  |        |                      |                         |
|       |                                 |              |                               | 1             | Towns Commissions/Security Forces Training Complex  | 55296F | 55296F 131-111   | 7,300  | +7,300 New           | New                     |
| ANG   | ANG 2005 F 3830 Eleison         | 3830         | Elelson                       | É             | AN Neplace Collinging Country of the Property | 190023 | 111 752          | 8 350  | +150                 | +150 Moved from FY 01   |
| ANG   | ANG 2005 F                      | : 3830 Kulis | Kulis                         | ¥             | AK Replace Pararescue Training Complex  | 33230r | 141-733          | 200,2  |                      | Moved from FY 00        |
| CIA V | 1000                            | 0000         | 2930 Buckley                  |               | CO Replace Munitions Maintenance/Storage Complex  | 55296F | 710-047          | 0,000  |                      | MOVED HOLL I SO         |
| ANG   |                                 | 0000         | Duchicy                       | 3 3           | VC Douboo Canadron Operations Facility  | 55296F | 141-753          | 8,700  | +8,700 New           | New                     |
| ANG   | 2002                            | 1 3830       | 3830 Forbes                   | 2             | heplace oduation operations assets  | EFOOGE | 116 661          | 1 450  | +1450 New            | New                     |
| 7     | 2005 E                          | 3830         | 3830 Great Falls              | ž             | MT   Expand Arm and Disarm Apron  | 33230F |                  | 1,00   |                      |                         |
| 2     | 2002                            | 3            |                               |               |   | 55296F | 171-445          | 006'6  | +9,900 New           | New                     |
| ANG   | 2005   F                        | 3830         | 2005 F 3830 Gabreski          | Z             | Replace Collibratic Support Collibration  | 100011 | 440.005          | 2 500  | Well 005 C+          | New                     |
| 2     | 2005                            | 2820         | ANIC 1200E E 2830 Springfield | Ċ             | Power Check Pad w/Suppressor  | 108700 |                  | 4,000  | 2,000                |                         |
| 2     | 5002                            | 200          | Diamin Birring                | ;             |   |        |                  |        |                      | Scope Change            |
|       |                                 |              | 1                             | ć             | Add to Annot Construct Taximay  | 55296F | 113-321          | 2,300  | -1,300               | -1,300 Moved from FY 02 |
| ANG   | 2005                            | 3830         | ANG 2005 F 3830 Hamsburg      |               |   | SESSE  | 113-321          | 4.321  | +321                 | +321 Moved from FY 02   |
| ANG   |                                 | 3830         | 2005 F   3830   Yeager        | <u></u>       | Upgrade Aircraft Parking Apron and Taxiway  | 205    | _                | 0.11   |                      |                         |
|       | 2000                            | 2000         | Various                       | :             | Planning and Design   | 55296F |                  | 4,750  |                      |                         |
| ANG   | AING 2000 F 3030 Validus        | 2000         | Validus                       | $\frac{1}{4}$ |   | FEDORE | :                | 4 596  | _                    |                         |
| ANG   | ANG   2005   F   3830   Various | 3830         | Various                       | 1             | Unspecified Minor Construction  | 225    |                  | 470    |                      |                         |
|       | 1                               |              |                               |               | EV 2005 Total Funded Requirements   |        |                  | 59,473 |                      |                         |
|       |                                 |              |                               |               | 1 - 2000 tomin minden and min   |        |                  |        |                      |                         |

| _                | _                | _  | _  | _  |   | _          | _                          | _   | _                               | -        | _   | ~  | _                | _            | _                                      | _                                | -           | -  | _   | _                   | _            | 7                                   |
|------------------|------------------|--|--|--|---|------------|----------------------------|---|---------------------------------|----------|---|--|------------------|--------------|--|----------------------------------|-------------|--|---|---------------------|--------------|-------------------------------------|
| Moved from FY 00 | Moved from FY 03 | Moved from FY 00                               | Manual from CV 00                                      | MOVED HOLL P. 1 OS                               | +8,900 New                                  | +1,350 New | +4 500 New                 |   | +9,000 New                      | +600 New | 1300 Moved from EV 00                             | DO THOM DONOIS                                   | Moved from FY 00 | +8 400 New   | - EDO Moyed from EV 03                 | O I III DOMONIO                  | 0 New       | +200 Moved from FY 03                            |   |                     |              |                                     |
|                  |                  |  |  |  | +8,90                                       | +1,35      | +4 50                      | 201   | 00,8+                           | 9        | 130   | 20.  |                  | +8.40        | 1                                      | OC.                              | +10,400 New | +20  | 3   |                     |              |                                     |
| 3,600            | 9.500            | 2 400  | 2,4  | 2,250  | 8,900                                       | 1.350      | 7 500                      | 200,1                                       | 9,000                           | 009      | 000   | 4,300  | 4,000            | 8 400        | 200                                    | 0,000                            | 10,400      | 003 8  | 30,0                                      | 7,963               | 91 563       | 2011.0                              |
| 51411F   211-152 | 113-321          | 244 470  | 6/1-1/2  | 171-450  | 141-753                                     | 422-264    | 474 AAE                    | 7   | 171-450                         | 171-873  | 1,,   | 1/1-44/  | 219-944          | 211.111      | 07-017                                 | 442-758                          | 211-111     | 044 457  | 701-117                                   | 1                   |              |                                     |
| 51411F           | 55296F           | 24047  | 3/17/6   | 55296F   | 55296F                                      | 55296F     | 10000                      | 33230r                                      | 55296F                          | 54121F   | 10001   | 196799   | 55296F           | EFOORE       |  | 55296F                           | 55296F      | LOCUL  | 1087CC                                    | 55296F              |              |                                     |
| 27               | 2                | DE IUpgrade Aircraft Parking Apron and Taxiway | L  F-15 Add/Alter Fuel Cell/Corrosion Control Facility | Replace Joint Medical Training Facility (w/ARNG) | VC Deplace Operations and Training Facility | 200        | LA Munitions Storage ignor | MI Replace Operations and Training Facility | MS Texneditionary Forces Center |          | MS   C-17 Upgrade Aeromedical Evacuation Facility | NC   Relocate Comm/Electronics Training Facility | _                |              | OH Upgrade Aircraft Maintenance Hangar | OK   Reniace Base Supply Complex |             | IN Replace Alician Maillenance Complex - 1 msc : | VT   Replace Aircraft Maintenance Complex | Planning and Design | 2            | FY 2005 Total Unfunded Requirements |
|                  | 3830 March       | 3830 New Castle                                | 3830 Jacksonville FL                                   | 2820 Boise                                       |   |            | 3830 New Orleans           | 3830 Albena                                 |                                 | Jacksoli | 3830 Jackson N                                    | 2920 Ctanly County                               | Stalling Couling | 3830 McGuire | 3830 Toledo C                          | Joseph Mill Dodge                |             | 3830 Nashville                                   | 3830 Burlington                           |                     | SOSU VAIIOUS |                                     |
|                  | 2005 U           | 2005 U   | 2005 11  | 1000   | 5002  | 0 0002     | 2005 U                     | 11 5002                                     | 2002                            | 0 0007   | 2005 U  | 11 3000  | 2002             | 2005 0       | 2005 U                                 | 11                               | 2002        | 2005 U   | 2005                                      | 2007                | 2002 0       |                                     |
|                  | ANG              | ANG  | QNA<br>C   |  |   | ANG        | ANG                        | CNA   |                                 | ANG      | ANG   | 2  | ANG              | ANG          | ANG                                    | 4                                | DAY<br>V    | ANG  | CINA                                      |                     | ANG          |                                     |

| Change from | FY99 APB | FYDP (\$000) Remarks |
|-------------|----------|----------------------|
|             | Cost     | (\$000)              |
|             |          | Cat-Code             |
|             |          | ᇤ                    |
|             |          | State Project Title  |
|             |          | Appn Installation    |
|             |          | Ł                    |
|             |          | Comp                 |

# Projects no longer in the FYDP:

|               | - 1   | Mintenant Cinting Chatian Complex   | 10.400 | Appropriated in FY 99 |
|---------------|---|---|--------|-----------------------|
| Nulls         | { }   | Velicle Maillellainer lie Station Complex<br>Operations and Training Escility | 3.650  | Deferred              |
| Dalinelly     | 7   |   | 006'6  | Deferred              |
| Fort Smith    | 40  | Airfield Improvements   | 5,500  | Deferred              |
| I ittle Rock  | AR  | Fuel Systems Maintenance and Corrosion Control Facility                       | 5,600  | Deferred              |
| Tirson        | A7  | Composite Support Complex   | 7,500  | Appropriated in FY 99 |
| Moffett       | ! \5  | Aircraft Engine and Propeller Shops   | 1,900  | Deferred              |
| Sepulveda     | გ   | Communications and Electronics Training Facility                              | 4,200  | Deferred              |
| Buckley       | S   | Replace Control Tower   | 4,900  | Deferred              |
| Patrick       |   |   | 4,500  | Deferred              |
| Rohins        | 1   | B-1 Area  | 1,000  | Deferred              |
| Savannah CRTC | \delta \ | Replace   | 6,200  | Deferred              |
| Andersen      | 9   |   | 3,000  | Deferred              |
| Hickam        | ∃   | Base Civil Engineer Maintenance Complex                                       | 4,500  | Appropriated in FY 99 |
| Des Moines    | ₫   | Security Police Operations  | 3,900  | Appropriated in FY 99 |
| Des Moines    | 4   |   | 3,300  | Deferred              |
| Sions City    | ₫   | Add/Alter Aircraft Corrosion Control Facility                                 | 5,700  | Appropriated in FY 99 |
| Hilman        | Z   | Fire Cell/Corrosion Control and Fire Station                                  | 6,000  | Appropriated in FY 99 |
| Hılman        | Z   |   | 2,250  | Deferred              |
| Forhes        | ξ   | Upgrade Maintenance Hangar  | 10,000 | Appropriated in FY 99 |
| McConnell     | ξ.<br>S.  | Avionics Shop   | 3,000  | Appropriated in FY 99 |
| Standiford    | ≥   | Composite Aerial Port/ALCE Training Facility                                  | 4,100  | Appropriated in FY 99 |
| Alpena        | Σ   | Replace Fire Station  | 5,100  | Appropriated in FY 99 |
| Selfridae     | Σ   | Upgrade Base Infrastructure Systems   | 008'6  | Appropriated in FY 99 |
| W K Kelloda   | Σ   | Composite Headquarters  | 550    | Deferred              |
| Duluth        | Σ   | MN Base Supply Complex  | 6,100  | Deferred              |
| Gulfbort      | MS  | Replace Troop Training Quarters/Composite Support Facility                    | 9,900  | Appropriated in FY 99 |
| Rosecrans     | 8   | Upgrade   | 9,600  | Appropriated in FY 99 |
| Charlotte     | S   | Add to a  | 3,000  | Deferred              |
| Hertor        | £   | Add/Alte  | 3,350  | Appropriated in FY 99 |
| lincoln       | 빌   | Joint Medical Training Facility   | 1,775  | Appropriated in FY 99 |
| McGuire       | Z   | Aircraft Maintenance Hangar/Shops   | 14,000 | Deferred              |
| Reno          | ≩   | Replace   | 2,500  | Deferred              |
| Reno          | ≩   | Vehicle Maintenance/Acft Support Equipment Complex                            | 4,600  | Deferred              |
| Reno          | ⋛   | Base Supply and Equipment Warehouse   | 5,900  | Deferred              |

Appropriated in FY 99
Deferred
Appropriated in FY 99
Deferred
Deferred
Deferred

5,000 6,300 8,600 9,100

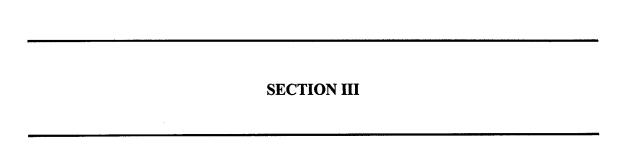
NY Upgrade Aircraft Apron and Infrastructure
OH Vehicle Maintenance Complex
OH Base Engineer/Security Forces Complex
OH Base Supply and Security Police Complex
PA Composite Support Facility
PA Replace Composite Support Facility

Hancock Mansfield Springfield Toledo Fort Indiantown Willow Grove

|      |                   |             |   |   |          |         | Change from  |                       |
|------|-------------------|-------------|---|---|----------|---------|--------------|-----------------------|
|      |                   |             |   |   |          | Cost    | FY99 APB     |                       |
| Anna | Appn Installation | State       | State Project Title                           | F | Cat-Code | (\$000) | FYDP (\$000) | Remarks               |
|      | Minoz-Marin       | ad          |   |   |          | 1,950   |              | Deferred              |
|      | Ouoneat           | ā           | Avionice                                      |   |          | 4,700   |              | Deferred              |
|      | Morning           | 9           |   |   |          | 8,900   |              | Appropriated in FY 99 |
|      | MACENTING         | 3 6         | Ingrade                                       |   |          | 3,500   |              | Deferred              |
|      | INICE LIGITOR     | 3 6         |   |   |          | 10,000  |              | Deferred              |
|      | Machae Tung       | F           | 2000  |   |          | 11,200  |              | Appropriated in FY 99 |
|      | McGriee 1 yson    |             | שומיום  |   |          | 3 200   |              | Deferred              |
|      | Ellington         | <u>&lt;</u> | IX Replace base Civil Eligiliteel Colliplex   |   |          |         |              | 3.0                   |
|      | Flinaton          | ř           | TX Base Supply Complex                        |   |          | 5,100   |              | Dererred              |
|      | Kelly             | ř           |   |   |          | 7,100   |              | Deferred              |
|      | Dichmond          | \<br>\<br>\ | VA Base Sunniv Complex                        |   |          | 5,400   |              | Deferred              |
|      | Distington        | 5           | VT Base Stropty Complex                       |   |          | 5,500   |              | Appropriated in FY 99 |
|      | Dullington        | , ,         | Polocote 262nd Combat Communications Squadron |   |          | 006.6   |              | Deferred              |
|      | Beilingnam        | <b>X</b>    | WA Nelocate 2021id Colling Colling address of |   |          | 7 000   |              | Deferred              |
|      | Fairchild         | ≸           | Logistics Support Complex                     |   |          | 000,    |              | Colonica              |
|      | EMA/BA            | 3           | WW Add/Alter Avionics Shop                    |   |          | 650     |              | Deterred              |
|      | 5                 | :           |   |   |          |         |              |                       |

F

### DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2000



### **FUTURE YEARS DEFENSE PLAN (FYDP)**

**STATE/INSTALLATION LISTING** 

|           |                                 |            |                              |           |  |        |          |        | Charles for |                       |
|-----------|---------------------------------|------------|------------------------------|-----------|--|--------|----------|--------|-------------|-----------------------|
|           |                                 |            |                              |           |  | Ĺ      | 7        | Cost   | FY99 APB    | Remarks               |
| Comp      | £                               | Appn       | Appn Installation            | State     | State Project Title                                    | 7      | cat-cone | (2000) | (2004)      |                       |
| г         |                                 | 0000       |                              | 2         | Tourse Communications/Security Forces Training Complex | 55296F | 131-111  | 7,300  | +7,300 New  | New                   |
|           |                                 | 3830       | Fielson                      | { }       |  | 55296F | 211-159  | 11,000 |             | Moved from FY 01      |
|           | 2003 F                          |            | Kulis                        | { }       | All Clair  | 55296F | 141-753  | 8,350  | +150        | +150 Moved from FY 01 |
| ANG       | 2005 F                          | 3830 Kulis | Kulls                        | ₹ ¥       | Composite Support Complex                              | 55296F | 171-450  | 10,000 |             |                       |
|           | 1 0007                          |            | Ciny                         |           |  |        |          |        |             |                       |
| (140      | 11 0000                         |            | 2020 Dirmingham              | Ī         | Rentace Base Engineer Maintenance Complex              | 55296F | 219-944  | 4,200  |             | Moved from FY 00      |
| D C       | 2002                            |            | 3830 Dannelly                | ₹         | Replace Medical Training and Dining Facility           | 55296F | 722-351  | 6,922  |             | Moved from FY 00      |
|           | 2002 r                          | 2000       | Daillicily                   | į         |  |        |          |        |             |                       |
| _         | 7004                            |            | 2020 Eart Cmith              | ΔA        | Regional Fire Training Facility                        | 55256F | 179-511  | 1,700  | +100        |                       |
| -         |                                 | _          | 2020 Fort Smith              | Y A       | $\overline{}$  | 55296F | 171-445  | 6,500  |             | Moved from FY 00      |
| ANG       | 7007                            | -          | LOIL SHILLI                  |           | _  |        |          |        |             | Cost Increase         |
| ANG       | 2000 F                          |            | 3830 Little Rock             | AR        | AR Vehicle/Base Engineer Maintenance Complex           | 55296F | 214-425  | 8,699  | +4,699      | +4,699 Scope Change   |
|           |                                 |            |                              |           |  |        |          |        |             |                       |
| ANIC POOR | 3004                            |            | 3830 Eresno                  | ₹<br>C    | CA IReplace Operations & Training/Dining Facility      | 55296F | 171-445  | 10,000 | 006+        | +900 Moved from FY 03 |
| ON C      | 2005                            |            | March                        | ర         | CA   KC-135 Add/Alter General Purpose Shops            | 51411F | 211-152  | 3,600  |             | Moved from FY 00      |
|           | 2000 F                          | 3830       | 3830 Moffett Field           | 5         | CA Replace Aircraft Maintenance Hangar                 | 55296F | 211-111  | 14,000 |             |                       |
|           |                                 |            |                              |           |  |        | 0,0      | 200    |             | Mountain from EV 00   |
| ANG       | ANG   2005   F   3830   Buckley | 3830       | Buckley                      | ႘         | CO Replace Munitions Maintenance/Storage Complex       | 55296F | 216-642  | 2,300  |             | Moved Holli FT 00     |
|           |                                 |            |                              |           |  | 55296F | 171-447  | 11,000 |             | Moved from FY 01      |
| ANG       | 2003 F                          |            | 3830 Orange                  | 5         | Replace Air Control Squadrior Complex                  |        |          |        |             |                       |
| ANG       | ANG   2005  11                  | _          | 3830 New Castle              | 四         | DE   Upgrade Aircraft Parking Apron and Taxiway        | 55296F | 113-321  | 9,500  |             | Moved from FY 03      |
|           | 2 2002                          | -          | Tion order                   |           |  |        |          |        |             |                       |
| ANG       | 2005 U                          | 3830       | ANG 2005 U 3830 Jacksonville | F         | F-15 Add/Alter Fuel Cell/Corrosion Control Facility    | 51217F | 211-179  | 2,400  |             | Moved from FY 00      |
|           |                                 |            |                              |           |  | REJORE | 214.425  | 2 400  |             | +250 Moved from FY 01 |
| ANG       | ANG 2003 U 3830 Hunter          | 3830       | Hunter                       | ્કું      |  | 51628F | 171-445  | 6,100  |             | Moved from FY 00      |
| ANG       |                                 |            | 3830 Robins                  | <b></b> 6 |  | 51628F | 219-944  | 3 200  |             | Moved from FY 02      |
| ANG 2004  | 2004                            | -          | 3830 Robins                  | § (       | B-1 base Engineer Maintenance Complex                  | 51628F | 214.425  | 2 100  |             | Moved from FY 02      |
| ANG       | 2004<br>C                       |            | 3830 Robins                  | 5         |  | 51628F | 442-758  | 5 000  |             | Moved from FY 01      |
| _         | 2003                            |            | Robins                       | 5         | B-1 Supply and Equipment Warehouse                     | 51628F | 171-875  | 9 800  |             | +200 Moved from FY 00 |
|           | 2001                            |            | 3830 Robins AFB              | <b>§</b>  | B-1 Munitions Maintenance and Training Complex         | 52619F | 442-758  | 008 6  |             |                       |
| ANG       | 2000                            | 3830       | Savannah IAP                 | 5 6       | GA Composite Support Complex                           | 55256F | 179-511  | 1,700  |             |                       |
| ANG       | 2002                            |            | 3830 Savannan IAP            | 5         | Regional File Halfilling Facility                      | 55296F | 171-445  | 9,000  | +9,000 New  | New                   |
| ANG       | 2001 F                          |            | 3830 Savannan IAP            | 5         | GA Toperations and Halling Complex                     |        |          |        |             |                       |

|                                      | -      |  |                 |          |                 | Change from                             |                   |
|--------------------------------------|--------|--|-----------------|----------|-----------------|---|-------------------|
| Comp FY Appn Installation            |        | State Project Title  | PE              | Cat-Code | Cost<br>(\$000) | FY99 APB FYDP (\$000) Remarks           |                   |
|                                      |        |  | FEDORE          | 116 672  | 1 2001          | +1 200 New                              |                   |
| ANG   2002  U   3830   Hickam        | Ī      | Aircraft Kinse Facility  | 33230           | 1001     | 1,500           |   |                   |
| ANG 2002 F 3830 Sioux City           | Y      | Replace Vehicle Maintenance Complex                            | 55296F          | 214-425  | 3,600           | Scope Change<br>+1,100 Moved from FY 00 | nange<br>om FY 00 |
| ANG 2000 E 3830 Boise                |        | A-10 Expand Arm and Disarm Apron                               | 1 52619F        | 116-661  | 1,600           | +500                                    |                   |
| 2002<br>F                            |        | IA-10 Fuel Cell/Corrosion Control Facility                     | 52619F          | 211-179  | 2,300           | Moved fro                               | Moved from FY 00  |
| 2003                                 |        | Add/Alter Base Supply Complex                                  | 54332F          | 442-758  | 3,000           | +550 Moved from FY 02                   | om FY 02          |
| 2005 U                               |        | Replace Joint Medical Training Facility (w/ARNG)               | 55296F          | 171-450  | 2,250           | Moved fro                               | Moved from FY 03  |
| ANG   2004   F   3830   Capital      |        | Composite Support Complex                                      | 55296F          | 722-351  | 9,000           | Moved from FY 02                        | om FY 02          |
| 1 2020 E 2 1 3020                    | N N    |  | 55296F          | 722-351  | 6.095           | +195 Moved from FY 01                   | om FY 01          |
| AING   ZUUS  F   SOSU   FUIL WAYING  |        |  |                 |          |                 |   |                   |
| ANG 12005  F1 3830   Forbes          | KS     | Replace Squadron Operations Facility                           | 55296F          | 141-753  | 8,700           | +8,700 New                              |                   |
| ANG 2005 U 3830 Forbes               | KS     |  | 55296F          | 141-753  | 8,900           | +8,900 New                              |                   |
| ANG 2003 U 3830 McConnell            |        |  | 55296F          | 113-321  | 6,900           | +6,900 New                              |                   |
|                                      |        | Г  | 100001          | 240 740  | 7 400           | 1400                                    |                   |
| ANG 2002 U 3830 New Orleans          | ans LA | Replace Vehicle/ASE Maintenance Complex Minitions Storage Info | 55296F          | 422-264  | 1,350           | +1,350 New                              |                   |
| 7002                                 | 1      | _  |                 |          |                 |   |                   |
| ANG [2002] UT 3830 [Barnes           | MA     | Replace Base Supply Complex                                    | 55296F          | 442-758  | 5,900           | Moved from FY 00                        | om FY 00          |
| 2004 U                               | MA     | Reloca   | 55296F          | 112-211  | 3,200           | Moved from FY 02                        | om FY 02          |
|                                      | -      |  | EEDOGE          | 171.445  | 4 500           | +4 500 New                              |                   |
| 5                                    | Ξ.     | Т  | 55200<br>55206E | 170 481  | 4 400           | +4 400 New                              |                   |
| ANG 2004 F 3830 Grayling             | Σ      | Replace Kange Support Facilities                               | 332301          | 1010     | 20t.'t          | Scope Change                            | 9000              |
| ANG 2002 U 3830 Selfridae            | Σ      | Replace Crash Fire Rescue Station                              | 55296F          | 130-142  | 7,400           | +2,000 Moved from FY 00                 | om FY 00          |
| ANG 2002 U 3830 WK Kellogg           |        |  | 55296F          | 216-642  | 8,800           | +8,800 New                              |                   |
|                                      |        | i  |                 |          |                 |   |                   |
| ANG   2003   U   3830   Minn-St Paul | П      | MN   Composite Maintenance Complex                             | 55296F          | 211-154  | 006'9           | +800                                    |                   |
| G 0000 L 0000                        | f      | 11 J. Alexand Dading Appear Dhoop II                           | 5520GE          | 113,391  | 000 6           | #901000 6+                              |                   |
| ANG   2002   F   3830   Rosecrans    |        | MO   Upgrade Airdrait Parking Apron- Phase II                  | 20201           |          | בייתהים         | and done of                             |                   |

|                                    |  |                  |          | Cost    | Change from FY99 APB    |                         |
|------------------------------------|--|------------------|----------|---------|-------------------------|-------------------------|
| Comp FY Appn Installation          | State Project Title                                  | PE               | Cat-Code | (\$000) | FYDP (\$000) Remarks    | rks                     |
|                                    |  |                  |          |         |                         |                         |
| ANG 12003 111 3830 Camp Shelby     | MS IC-17 Shortfield Runway                           | 54121F           | 116-116  | 7,700   | +5,000 Scope Change     | Change                  |
| 2003                               | C-17 C   | 54121F           | 211-159  | 12,300  | +2,300 Cost Increase    | ncrease                 |
| 1007                               |  | 54121F           | 171-212  | 3,600   | +3,600 New              |                         |
| 2002                               | _  | 54121F           | 211-179  | 5,100   | +200                    |                         |
| 2002 0 2020                        | _  |                  |          |         | Title (                 | Title Change Moved      |
| ANG 2003 11 3830 sackson           | MS  C-17 Upgrade Squad Ops/Hangar and Shops          | 54121F           | 141-753  | 12,100  | +600 from FY 02         | ⁻Y 02                   |
| 2002                               | $\neg$   | 55296F           | 171-450  | 000'6   | +9,000 New              |                         |
| 2005                               | _  | 54121F           | 171-873  | 009     | +600 New                |                         |
| 0 0007                             |  |                  |          |         | Scope                   | Scope Change            |
| ANG 2002 U 3830 Key Field          | MS   Comm-Electronics Training Complex               | 55296F           | 171-447  | 6,400   | +2,850 Move             | +2,850 Moved from FY 03 |
| 10000                              | MT Base Supply Marehouse                             | 55296F           | 442-758  | 1,400   | +1,400 New              |                         |
| ANG 2002 F 3830 Great Falls        | Т  | 55296F           | 116-661  | 1,450   | +1450 New               |                         |
| ANG EGOS L SOOO CICARI ANS         | 2  |                  |          |         |                         |                         |
| ANG [2005] U [3830   Stanly County | NC  Relocate Comm/Electronics Training Facility      | 55296F           | 171-447  | 4,300   | +300 Move               | +300 Moved from FY 00   |
|                                    | A  | FEOORE           | 113-321  | 009 6   | +100IMove               | +100 Moved from FY 02   |
| ANG 2004 F 3830 Pease              | NH   Upgrade Aircraft Parking Apron                  | 100200<br>EE200E | 171 450  | 3 200   | +3 200 New              |                         |
| ANG 2004 U 3830 Pease              | NH  Replace Medical Training Facility (VA Joint Use) | 332301           | 200      | 2,500   |                         |                         |
| 1,0000                             | NI I Commissions and Security Forces Compley         | 1 55296F         | 131-111  | 3,450   | Move                    | Moved from FY 00        |
| ANG 2002 U 3830 Atlantic City      | N.I. Medical Training Eacility (w/AFRC)              | 55296F           | ┺        | 2,900   | +2,900 New              |                         |
| 2005                               | N.1 (Replace Base Engineer Maintenance Complex       | 55296F           | 219-944  | 4,000   | Move                    | Moved from FY 00        |
| 2002                               |  |                  | ı        |         |                         |                         |
| ANG   2002   F   3830   Kirtland   | NM  Composite Support Complex                        | 55296F           | 131-111  | 9,500   | Move                    | Moved from FY 01        |
|                                    | 1 All 19 - 1 Vitis 1- 1/A OF Maintenance Complex     | 1 55296F         | 214-425  | 4.250   | Move                    | Moved from FY 01        |
| 2002<br>U                          | Т  | 55296F           | 1        | 006 6   | +9,900 New              |                         |
|                                    | NY Replace Composite Support Complex                 | 53111F           | 4        | 8.900   | +8,900 New              |                         |
| ANG 2002 U 3830 Hancock            |  |                  |          |         | Scope                   | Scope Change            |
| 0000                               | NY Base SupplyBase Engineer Complex                  | 55296F           | 442-758  | 7,400   | +4,550 Moved from FY 01 | d from FY 01            |
| 2000                               | _  |                  |          |         |                         |                         |
| L ANG Toonal ET 3830   Mansfield   | 1 OH IReplace Squad Ops/Comm/Security Forces Complex | 55296F           | Ш        | 9,900   | Move                    | Moved from FY 01        |
| - 4                                | _  | 52608F           |          | 1,770   | +1,770 New              |                         |
| Lμ                                 | $\overline{}$  | 55296F           | Ш        | 7,998   | +7,998 New              |                         |
| ANG 2005 F 3830 Springfield        | _  | 55296F           | 4        | 2,500   | +2,500 New              |                         |
| در.                                | Upgrac   | 55296F           | 211-111  | 8,400   | +8,400 New              |                         |
| 1                                  |  |                  |          |         |                         |                         |

|                                   |                  |  |          |          |                 | Change from              |   |
|-----------------------------------|------------------|--|----------|----------|-----------------|--------------------------|---|
| Comp EV Ann Installation          |                  | State Project Title                                  | PE       | Cat-Code | Cost<br>(\$000) | FY99 APB<br>FYDP (\$000) | Remarks                                 |
|                                   |                  |  |          |          |                 |                          |   |
|                                   | -                | $\overline{}$  | 55206F   | 171-445  | 10 800          | +1,000                   | +1,000 Moved from FY 01                 |
| 2003<br>C                         |                  | Replace Composite Support Complex                    | 55296F   | 211-111  | 19,500          |                          | Moved from FY 01                        |
|                                   | ogers OK         | $\neg$   | 55296F   | 442-758  | 5,800           | +200                     | +500 Moved from FY 03                   |
| ANG 2005 U 3830 WIII RG           | 1                |  |          |          |                 |                          |   |
|                                   | t                | Composite Support Complex (w/ARNG)                   | 55296F   | 171-447  | 000'6           |                          | Moved from FY 01                        |
| ANG 2004 F 3030 Natification      | on on            | Replace Joint Dining Facility (w/AFRES/ARNG)         | 55296F   | 722-351  | 8,200           |                          | Moved from FY 01                        |
| 2004                              | 1                |  |          |          |                 |                          |   |
|                                   | -                |  | FEOORE   | 113-321  | 2 300           | -1.300                   | Scope Change<br>-1.300 Moved from FY 02 |
| 2005 F                            | +                | _  | 55296F   | 171-447  | 4,600           | +4,600 New               | New                                     |
| ANG 2002 F 3830 Johnstown         | town             | Air frame Control Halling Facility                   |          |          |                 |                          |   |
| ANG 2004 11 3830 Pittsburgh       |                  | PA   Add/Alter Squad Ops/Support Complex             | 55296F   | 214-425  | 9,400           | +4,000                   | Scope Change<br>+4,000 Moved from FY 03 |
|                                   |                  |  |          |          |                 |                          |   |
| ANG 120001 F 13830 Luis N         | Junoz-Marin   PR | C-130 Fuel Cell and Corrosion Control Facility       | 54332F   | 211-179  | 5,600           | +200                     | 020040                                  |
| ANG 2000 F 3830 Luis N            |                  | C-130  | 54332F   | 211-111  | 3,800           | 066+                     | +950 Scope Criange                      |
| ANG 2000 F 3830 Luis Munoz-Marin  |                  | C-130  | 54332F   | 113-321  | 2,250           | 1320                     |   |
| 1000                              |                  |  |          | 544 444  | 48 5001         | +16 FOOTNEW              | New                                     |
| ANG [2004] U [3830   Quonset      |                  | RI Replace Aircraft Maintenance Hangar               | 105200   | 111-117  | 10,000          | 200,01                   |   |
| AND 190091 C 1 3030 McEntire      |                  | SC I Replace Control Tower & ASE Facility            | 55296F   | 149-962  | 7,700           | +3,150                   | +3,150 Scope Change                     |
| ANG ZOUSI F I SOSO IMCEN          |                  |  |          |          |                 |                          |   |
| ANG 12004 UT 3830 McGh            | H                | Aircraft Hydrant Refueling System                    | 55296F   | 113-321  | 9,500           | +9,500 New               | New                                     |
| ANG 2005 U 3830 Nashville         | Н                |  | 55296F   | 211-111  | 10,400          | +10,400 New              | New                                     |
|                                   |                  |  | 100011   | 207 770  | 000             | 1300                     | +300 Moved from EV 01                   |
| ANG   2004   U   3830   Kelly     | XT               |  | 55296F   | 274-472  | 3,000           | WOW OUT CT               | Now.                                    |
| ANG 2001 F 3830 Kelly             | ΧŢ               | F-16 Add/Alter Squadron Ops/Flight Training Facility | 1 52608F | 141-753  | 3,400           | +3,400                   | Maw                                     |
|                                   | ŀ                | Tilessee Aircraft Maintenance Complex                | 55296F   | 217-712  | 9,700           | -100                     | -100 Moved from FY 02                   |
| ANG 2001 F 3830 Salt Lake City    | ake City UT      |  | 55296F   | 171-445  | 10,400          | +1,200                   | +1,200 Moved from FY 00                 |
| ANG 2002 0 3030 0811              | 1                |  |          |          |                 | 0                        |   |
| L ANG 120031 UT 3830 Camp         | Pendleton VA     |  | 55296F   | 725-517  | 2,500           | +2,500 New               | New Com Ex Co                           |
| ANG 2003 F 3830 Richmond          | Н                | Replace Vehicle Maintenance Complex                  | 55296F   | 214-425  | 2,800           | +300                     | +300 Moved Holli FT 02                  |
|                                   | H                |  | 55296F   | 211-157  | 8.600           |                          | +200   Moved from FY 03                 |
| ANG   2005  U   3830   Burlington | gton             | Replace Alicrati Maintenance Complex                 | 202      | _        |                 |                          |   |
| ANG   2003   U   3830   Fairchild |                  | WA Replace Composite Support Complex                 | 55296F   | 219-944  | 9,800           | -100                     |   |
|                                   |                  |  |          | 1        | 000             |                          |   |
| ANG 2000 F 3830 Volk Field        |                  | W Replace Troop Training Quarters                    | 55296F   | 725-517  | 8,900           | 006+                     |   |
| V ANIC 12002 111 3830   Yead      |                  | WV IReplace Base Engineer Maintenance Complex        | 55296F   | 219-944  | 3,500           |                          | 30                                      |
| ANG 2005 F 3830 Yeader            |                  | Upgrade Aircraft Parking Apron and Taxiway           | 55296F   | 113-321  | 4,321           | +321                     | +321 Moved from FY 02                   |
| AING   10000   1   10002   0010   |                  |  |          |          |                 |                          |   |

| F 17.447 7,000  |      |      |      |              |       |   | u      | £ 0      | Cost   | Change from FY99 APB Semarks |
|---|------|------|------|--------------|-------|---|--------|----------|--------|------------------------------|
| WY   Aerial Port/Air Traffic Control Complex   55296F   171-447   7,000 | Сошр | Ĕ    | Appn | Installation | State | Project Title                           | 2      | Cal-Code | (2004) | (000)                        |
| WY   Aerial Port/Air Traffic Control Complex 55296F   171-447 7,000     |      | -    |      |              |       |   |        |          |        | Scope Change                 |
|   | ANG  | 2004 | 3830 | Chevenne     | ≶     | Aerial Port/Air Traffic Control Complex | 55296F | 171-447  | 2,000  | +1,900 Moved from FY 03      |